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# ANNUAL REPORT

—OF THE—

TOWN OFFICERS

—OF THE—

# TOWN OF PLYMOUTH

—FOR THE—

FINANCIAL YEAR ENDING JANUARY FIRST,

1884.

TOGETHER WITH THE

REPORT OF THE SCHOOL COMMITTEE

—AND—

SUPERINTENDENT OF SCHOOLS.

PLYMOUTH:

AVERY & DOTEN, BOOK AND JOB PRINTERS.  
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## REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year eighteen hundred and eighty-three.

The Treasurer's books have been examined and found correct and all payments properly vouched.

The Treasurer is charged for the year with :

Cash on hand, January 1, 1883.....	\$15,468 71
Dog Fund from the County .....	607 40
School Fund from State.....	232 24
From sale of school books.....	1,509 01
Armory rent reimbursements.....	375 00
Poor reimbursements.....	1,406 89
Water rents, labor and materials.....	13,136 76
Peddlers' licenses.....	17 00
Interest on Training Green Fund.....	25 38
Interest from delinquent taxes .....	345 38
Dividend from Old Colony National Bank. ....	400 00
Agawam and Halfway Pond Fishery.....	205 50
Rebate of interest on loans.....	11 43
Sale of lots in Vine Hill Cemetery.....	394 53
Road Department reimbursements.....	779 15
State Aid refunded.....	2,428 00
National Bank Tax from the State .....	2,715 73
Corporation Tax from the State.....	6,627 29
Insane Poor reimbursements .....	357 14
<i>Amount carried forward.....</i>	<hr/> \$470,42 54

<i>Amount brought forward</i> .....	\$47,042 54
Contingent reimbursements.....	131 80
Interest from Warren Fund.....	50 00
Fire Department reimbursements.....	7 67
Taxes, 1880 .....	990 81
Taxes, 1882 .....	6,233 81
Taxes, 1883 .....	62,440 41
School reimbursements.....	23 00
Sale of Herring Brooks.....	32 00
Indigent Aid refunded.....	353 61
Almshouse Building reimbursement.....	114 06
Widows' reimbursement.....	18 00
	<hr/>
	\$117,437 71

The Treasurer is credited with payments as follows :

Trustees Duxbury & Cohasset Railroad Sinking Fund.....	\$1,500 00
State Tax.....	4,215 00
National Bank Tax.....	3,937 75
Corporation Tax.....	11 91
Vine Hill Cemetery.....	117 39
Widows' distribution.....	151 00
Water Works interest on loans and extensions...	13,178 79
Watch and Police.....	1,220 30
Treasurer ...	500 00
Town Debt and Interest Account.....	6,011 04
Sexton.....	125 00
State Aid .....	1,827 50
Schools.....	22,813 04
Roads and Bridges ..	8,899 19
New Roads.....	1,395 26
Insane Poor.....	1,784 61
	<hr/>
<i>Amount carried forward</i> .....	\$67,687 78

<i>Amount brought forward</i> .....	\$67,687 78
Poor.....	8,005 11
Fire Department .....	2,487 95
Burial Hill .....	255 36
Contingent.....	2,644 41
Lighting Streets and Town House.....	1,232 72
Assessors .....	988 07
Plymouth Public Library.....	303 70
Agawam and Halfway Pond Fishery... ..	45 50
Warren Fund.....	5 36
Collector of Taxes.....	454 01
Indigent Soldiers' Aid.....	652 37
Stone Street Crossings .....	7 35
Abatements .....	724 99
County Tax.....	4,524 15
New School Building.....	3,725 69
Almshouse Building Extension.....	8,614 06
Cash on hand .....	15,079 13
	<hr/>
	\$117,437 71

The overdrawn balance of the several appropriations are as follows :

North Grammar School-house.....	\$2,725 69
Almshouse.....	7,000 00
Assessors.....	150 74
Schools .....	245 75
Indigent Soldiers' Aid.....	326 82
Fire Department.....	185 69
New roads.....	288 51
	<hr/>
	\$10,923 20

The undrawn balances of the several appropriations are as follows :

Water Works.....	\$93 53
Watch and Police..	44 49
Town Debt.....	292 82
Roads and Bridges.....	808 96
Lighting Streets and Town House.....	91 58
Insane Poor.....	258 27
Contingent .....	862 31
Poor.....	393 92
Vine Hill Cemetery.....	515 84
Warren Fund.....	1,068 44
Fresh Brook.....	10 17
Training Green Fund.....	649 59
Collector of Taxes.....	70
Abatements .....	2,208 84
Widows' Fund.....	33
	<hr/>
	\$7,299 49

## TOWN DEBT.

## WATER LOAN FUNDED.

70,000 six per cent. bonds, payable		
June 1st, 1885.. . . . .	\$70,000 00	
20,000 six per cent. bonds, payable		
Aug. 1, 1894..... . . . .	20,000 00	
Note to Plymouth Savings Bank, due		
April 1, 1890, 5 per cent.....	6,000 00	
Note to Plymouth Five Cent Savings		
Bank, due Aug. 2, 1890, $4\frac{1}{4}$ per		
cent.. . . . .	6,000 00	
	<hr/>	\$102,000 00

## DUXBURY &amp; COHASSET RAILROAD LOAN.

40,000 seven per cent. bonds, due April 1, 1884...	40,000 00
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## TEMPORARY DEBT.

Note to Plymouth Savings Bank, pay-		
able April 13, 1888, 4 per cent.		
interest..... . . . .	\$5,000 00	
Note to Plymouth Five Cent Savings		
Bank, payable March 20, 1888, $4\frac{1}{2}$		
per cent. interest..... . . . .	6,700 00	
Note to Plymouth Savings Bank, pay-		
able Sept. 18, 1886, interest at $4\frac{1}{2}$		
per cent..... . . . .	10,000 00	
Note to Plymouth Savings Bank, on		
demand, interest at 4 per cent....	11,000 00	
Notes to sundry persons, on demand,		
interest at 5 per cent..... . . . .	4,900 00	
	<hr/>	37,600 00
<i>Amount carried forward.....</i>		<hr/>
		\$179,600 00

*Amount carried forward* ..... \$179,600 00

ENGINE HOUSE LOAN.

Note to P. Hedge, on demand, interest at 5 per cent. ....	\$1,200 00	
Note to heirs of Timothy Manter, on demand, interest at 5 per cent. ....	400 00	
Note to Plymouth Savings Bank, on demand. ....	1,000 00	
	<hr/>	2,600 00
		<hr/>
		\$182,200 00
Undrawn balances of the several departments ....	7,299 41	
	<hr/>	

Gross indebtedness ..... \$189,499 49

Less—

Uncollected taxes, 1882 .....	\$1,257 40	
Uncollected taxes, 1883 .....	6,823 50	
Indigent Aid due from State of Mass. ....	325 55	
State Aid, due from State of Mass. ....	1,827 50	
Cash on hand ...	15,079 13	
	<hr/>	25,313 08
		<hr/>
Net debt, Jan. 1, 1884 .....	\$164,186 41	
Net debt, Jan. 1, 1883 .....	162,190 35	
	<hr/>	
Increase of debt, 1883 .....	\$1,996 06	

Which is made up as follows :

Overdrawn balances in excess of last year, creating a deficiency and liability of the Town .....	\$5,632 84	
	<hr/>	
<i>Amounts carried forward</i> .....	\$5,632 84	\$1,996 06

<i>Amounts carried forward.....</i>	\$5,632 84	\$1,996 06
Less—		
Gain in Corporation Tax, over estimates.....	\$2,115 38	
Gain in Bank Tax, over esti- mates.....	215 73	
Net receipts from Agawam Fishery.....	160 00	
Two-thirds dividend from O. C. National Bank.....	266 67	
Received from licenses.....	17 00	
Received from sale Herring Brooks .....	32 00	
Payments on principal out- standing notes.....	1,124 65	
Gain in non-resident Bank Tax .....	10 71	
	<hr/>	
	\$3,942 14	
Less—		
Amount estimated as revenue .....	\$300 00	
Payment to Burial Hill.....	5 36	
	<hr/>	
	\$305 36	
	<hr/>	
	\$3,636 78	
	<hr/>	
		\$1,996 06

By reference to the preceding pages of the report, a summary of the receipts and expenditures by the Treasurer, together with the statement showing the financial condition of the Town at the close of the year, is submitted, from which it appears that the expenditures have exceeded the receipts in the sum of \$1,996.06, and increased the indebtedness in that amount. The expenditures for the year have been exceptionally large, owing to increased appropriations voted and authorized at the Annual Meeting, the tax levy being \$5,108.32 over the previous year, making the rate of taxation \$13.60 against \$12.80 in 1882.



A special appropriation of \$12,500 was voted at the annual meeting to provide for the enlargement of the Almshouse and erection of a new Grammar School-house at the north part of the Town, of which \$2,500 was assessed in the taxes for the current year, leaving 10,000, which the Selectmen were authorized to borrow for such time and on such terms as they might deem for the interest of the Town. The expenditure against that account, amounting to \$9,725.69, has been met from the Treasury, without recourse to a loan, and appears in the account of overdrawn balances for the current year. The overdrawn balances in the several departments, exclusive of the above amount of \$9,725.69, aggregate \$1,197.51, against \$5,290.36 last year, a difference of \$4,092.85, and, including the surplus revenue derived principally from Corporation Tax, and payments of \$1,124.65 on temporary loan, has provided for the School and Almshouse expenditures with an increase only of \$1,996.06 to the debt.

Under these conditions, the Selectmen have not deemed it advisable to use the authority conferred to borrow money to provide for the special appropriations, as nothing could be gained, while it could be met from the Treasury, as otherwise the interest-bearing debt would be increased in lieu of a similar amount to be cancelled, bearing as favorable rate of interest, or the money would lay idle in the Treasury until the present cash balance was exhausted, the present balance being ample to meet present requirements. The loan issued in aid of the Duxbury & Cohasset Railroad becomes due April 1, 1884. It is estimated that the proceeds from the Sinking Fund, which can be readily converted into cash, will provide for about \$22,000 of the loan. By anticipating the sinking fund appropriation for the present year, and taking from the abatement account—which has a surplus over any probable requirements,—the difference necessary to provide for \$25,000 of the loan, that amount can be retired, leaving a balance of \$15,000, which, it is recommended, be bor-



rowed on notes of the Town for ten years, with liberty to apply the sum of \$1,500 annually towards the payment of the principal until fully paid. By this plan, it will simplify and provide for the loan by distributing payment over a period of ten years, and avoid the care and risk attending the safe investment of money annually in a sinking fund. There has been no additions to the Water Scrip Sinking Fund during the year, except from the accumulation, which now amounts to \$2,350.05, and none is likely to be received before the maturity of the loan, June 1, 1885, for which it is to provide, the Water Department having expended its income in special repairs and extensions.

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### *TOWN HOUSE ACCOMMODATIONS.*

The attention of the Town has been frequently called to the need of additional accommodations for the transaction of its business. The present safe is already crowded, and cannot longer safely accommodate the increasing books and valuable documents which it is important to protect and preserve. The only room in the lower part of the building, with the exception of the room occupied by the Treasurer, is used jointly by the Collector of Taxes, Selectmen, Assessors, Overseers of the Poor, and Committees of the Town. The confusion and interruption consequent upon it interferes seriously with a convenient or satisfactory transaction of its business, which is annually increasing. At present the Assessors occupy the same room for at least three months of the year, and the constant interruption by persons transacting business with the Collector, Overseers, etc., interfere with those having business with the Assessors, and adds to the time and expense of assessing the taxes.

At a moderate expense, the room in the upper part of the building will provide the needed accommodations, and by extending from the present safe into the room above, and constructing there an additional safe of the same size, it would answer the purposes of the Town for many years. The rooms connecting with it could be used by the Assessors and for Committee rooms, and relieve the crowded condition of the rooms below. The granting of the upper portion of the building for a Public Library was not considered as a permanent arrangement, as it was then apparent that it must soon be needed for Town purposes, and, even if it was not, the continual passing in and out of the building, to and from the Library, by so many persons is an inconvenience to those employed in, as well as those having business with the Town; as the Town, however, wisely reserved the right to have the room vacated on giving six months' notice.

The Selectmen recommend that notice be given the Trustees to vacate the building, and the Selectmen, or a Committee of the Town, be authorized to make the improvement suggested.

## TOWN DEBT AND INTEREST ACCOUNT.

CR.

By appropriation .....	\$6,000 00
By rebate of interest on loans paid in advance of maturity .....	11 43
By interest received from delinquent taxes .....	345 38
	<hr/>
	\$6,356 81

DR.

Dec. 31, 1882. To balance old account.	\$52 95	
To interest on D. & C. R. R. loan .....	2,800 00	
To interest on temporary loan .....	1,983 11	
To interest on loans in anticipation of taxes .....	103 28	
To payment on principal of temporary loan notes .....	1,124 65	
	<hr/>	6,063 99
Undrawn .....		<hr/>
		\$292 82

With the payment of a portion of the Duxbury & Cohasset Railroad Loan, and refunding of a portion of the temporary loan at a lower rate of interest, less appropriation will be required to meet the interest on outstanding indebtedness. To make additional provision for the payment of \$1,400 of notes on account of Engine House Loan, now due, will require an appropriation of \$4,500, which is recommended.

## ROADS AND BRIDGES.

Cr.

By appropriation . . . . .	\$9,000 00
By sundry reimbursements . . . . .	33 89
From sale of two horses . . . . .	67 40
By reimbursement from New Road Department . .	228 63
"            "    Poor Departments . . . . .	438 88
"            "    Water Works . . . . .	3 00
By transfer from Street Crossing's Account . . . .	7 35
	<hr/>
	\$9,779 15

CONTRA—DR.

Dec. 31, 1882. To balance old account.	\$71 00	
To payments in 1883 . . . . .	8,899 19	
	<hr/>	8,970 19
Undrawn . . . . .		<hr/>
		\$808 96

The amount expended for roads and bridges the past year is \$8,899.19, against \$9,754.35 in 1882, and less the earnings of the teams in other Departments \$8,120.04, against \$9,206.88 in 1882, being a less net expenditure of \$1,086.14. A considerable portion of the difference was in the less amount required the past year for the removal of snow. The amount expended for that purpose in 1882 was \$1,467.98, against an expenditure of \$548.60 the last year.

The amount expended for permanent improvment of sidewalks and street crossings is \$1,175.97, exceeding by \$175.97 the amount authorized by the Town.

There has also been expended for renewal of teams and apparatus \$580 less the sale of two of the old horses for \$67.40,

which were purchased some ten years ago when the present system of repairing the highways was adopted, and from age and constant service were past doing efficient work on the roads, and it was thought to be economy to replace them. With one exception the horses now owned by the Town, are young and in good condition. It may be necessary to replace the only old horse now owned by the Town in the Spring when the equipment will be complete in every respect.

The repairs on roads average about the same yearly, and it is the intention to make a steady improvement in addition to the necessary repairs as fast as the condition of things will permit ; and, unless as in some seasons heavy rains occur during the Summer months when the roads are usually dry, causing large repairs, a steady improvement has been made.

The past season has been free from any demands in that line, but the unusually dry weather during the entire Summer made it unprofitable, as well as almost impossible, to make any but needed repairs on the roads. The teams during that time were employed in building new roads which the dry weather did not seriously interfere with.

In making provision for such additions as the construction of new roads adds yearly to this Department, without any provision for special repairs or large expenditures on account of snow, an appropriation of \$1,500 will be required in addition to the balance to the credit of the account.

## NEW ROADS.

## DR.

1882.		
Dec. 31.	To balance from old account.....	\$2,393 25
	To payments in 1883 .....	1,395 26
		<hr/>
		\$3,788 51

## CR.

By appropriation.....	3,500 00
	<hr/>
Overdrawn.....	\$288 51

At the commencement of the year there was an overdrawn balance against this Department of \$2,393.25 for the construction of new roads not provided for by an appropriation, which reference to the report of last year will fully explain.

An appropriation of \$2,500 was made at the Annual Meeting to provide for this deficiency, and include the working of the roads the past year. Of this appropriation there has been expended for the widening of Court Street, \$180.98; working of Allerton Street, \$49.76; working and construction of Stafford Street, \$335.03; working and construction of Davis Street, \$466.49; construction of White Horse Road, \$150.57; for awards due and unpaid on Water and Winslow streets, \$157.70; and \$34.75 for plans and surveys for new roads, asked for and already accepted by the Town. The aggregate of these expenditures is \$1,395.28, and exceed the appropriation in the sum of \$288.51.

The laying out of the road from Court to Lothrop streets was accepted by the Town at the Annual Meeting and provisions will be made for working it the present year.

The narrow and unsafe condition of Carver Street, between Leyden and Middle streets, has been apparent for some time, and would have received earlier attention, had not some changes been considered in connection with the improvements on Cole's Hill, which would include the easterly portion of the street and obviate any direct action on the part of the Town. The matter having been dropped for the present, and as the improvements by the Pilgrim Society on and about Cole's Hill are not likely to be extended south of Middle Street, and are made with a view to the widening of the east side of Carver Street, for the convenience of public travel. The Selectmen have, under the authority conferred by statute, made a widening on the east and west side of the street; the former to the south line of the land of William R. Drew, as indicated by the wall, and on the west side as far as the land of Mrs. Marcy, which will be laid before the Town for their action at the Annual Meeting.

The estimated cost of the widening, with the changes contemplated at the foot of Middle Street, is \$2,500. Unless unforeseen difficulties should arise, it is not probable that it can exceed that amount, and may be built for a less sum.

An appropriation of \$3,000 for the widening of Carver Street, and other work contemplated for the year, will be required and is recommended.



*SCHOOLS.*

## Dr.

1882.	
Dec. 31. To overdrawn balance.....	\$1,266 66
To payments in 1883 .....	22,813 04
	<hr/>
	\$24,079 70

## Cr.

By one-half Dog Fund.....	\$303 70	
By Massachusetts School Fund.....	232 24	
Sundry reimbursements. ....	23 00	
Appropriation for deficiency.....	1,266 00	
Sale of school books .....	1,509 01	
Appropriation .....	20,500 00	
	<hr/>	\$22,833 95
Overdrawn.....		\$245 75

The expenditures on account of schools as compared with last year, show an increased net expenditure of \$1,558.76. The expenditure for 1882, less the amount received from sale of books, being \$19,745.27 in 1882, against \$21,304.03 in 1883. The difference is nearly the increased yearly cost of operating the schools. Reference to the report of the School Committee, will, it is expected, give the detailed expenditures for the year.

*WATER WORKS.*

## Cr.

1882.	
Dec. 31. By balance from old account.....	\$135 56
By receipts from water rents, labor and materials for repairs .....	13,136 76
	<hr/>
	\$13,272 32

## Dr.

To expenditures, 1883.....	\$13,178 79
Undrawn... ..	<hr/>
	\$93 53



The expenditures have exceeded the previous year in the sum of \$1,881.29, a part of which was required to meet outstanding coupons of \$630, as reported last year, which have been presented and paid, with the exception of \$30, and charged in the account.

The balance has been expended for special repairs and extensions, which will be fully explained in the full report of the Commissioners.

The income from the Works for the past few years has been absorbed in extensions, and is likely to be in the future, unless the Town should decide to separate the account, and assess in the taxes for sums expended for that purpose.

As the net income to any extent in such case would not be realized in time to make it available for the sinking fund at the maturity of the loan in 1885, it may not be desirable to change the present policy of charging against the income the cost of extensions which cannot, without a special vote of the Town exceed the sum of \$1,000 in any one year.

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*POOR.*

CR.

1882.

Dec. 31. By balance from old account .....	\$992 14
By reimbursements .....	1,406 89
By appropriation .....	6,000 00
	<hr/>
	\$8,399 03

DR.

Payment in 1883 .....	8,005 11
	<hr/>
Undrawn .....	\$393 92

The net expenditures on account of Poor, as compared with last year, shows an increased expenditure of \$779.09, being \$6,598.22 against \$5,819.13 in 1882. A portion of this expenditure was incurred in removal and repairing the wooden building connected with the Almshouse to make room for the enlargement authorized by the Town. An appropriation of \$6,500 is recommended.

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*INSANE POOR.*

CR.

1882.

Dec. 31. By balance from old account . . . . .	\$185 74
By appropriation . . . . .	1,500 00
By reimbursements . . . . .	357 14
	<hr/>
	\$1,942 88

DR.

To payments, 1883 . . . . .	1,684 61
	<hr/>
Undrawn . . . . .	\$258 27

The number of patients in the Hospitals at the commencement of the year was ten. One has since been admitted, one discharged, and one died, making the present number nine. A portion of the expense is reimbursed by friends of the inmates. An appropriation of \$1,250 is recommended.

## VINE HILL CEMETERY.

CR.

1882.

Dec. 31. By balance from old account .....	\$238 70
From sale of lots in 1883 .....	394 53
	<hr/>
	\$533 23

DR.

To payments, 1883 .....	117 39
	<hr/>
Undrawn .....	\$515 84

There has been sold during the year twenty-three lots from which has been received \$216.73, and received from lots sold in previous years \$77.80, in all \$394.53.

There is due \$73.50 for lots sold but not paid for, viz., \$27.60 in 1883, and \$45.90 in previous years.

## LIGHTING STREETS AND TOWN HOUSE.

CR.

1882.	
Dec. 31. By balance from old account .....	\$24 30
By appropriation .....	1,300 00
	<hr/>
	\$1,324 30

DR.

To payments for lighting and repairs in 1883. ....	1,232 72
	<hr/>
Undrawn .....	\$91 58

There have been three gaslights added the present year, one each on Howland, Vernon and Winslow streets, making the present number fifty.

There are also fourteen lamps, either burning oil or illuminating gas. An appropriation of \$1,250 is recommended.

*CONTINGENT.*

CR.

By—

Armory rent received from State of Mass.....	\$375 00	
Sale sewer rights.....	130 00	
Sundry reimbursements.....	1 80	
Appropriation.....	3,000 00	
		<hr/>
	\$3,506 80	
Appropriation for deficiency.....	1,070 00	
		<hr/>
	\$4,576 80	

DR.

1882.

Dec. 31. To balance old account. ....	\$1,070 08	
To payments, 1883.....	2,644 41	
		<hr/>
		3,714 49
		<hr/>
Undrawn.....		\$862 31

*FIRE DEPARTMENT.*

DR.

1882.

Dec. 31. To overdrawn balance.....	\$105 41	
To expenditures, 1883.....	2,487 95	
		<hr/>
		\$2,593 36

CR.

By appropriation.....	\$2,400 00	
By reimbursements.....	7 67	
		<hr/>
		\$2,407 67
		<hr/>
Overdrawn.....		\$185 69

*WATCH AND POLICE.*

CR.

1882.

Dec. 31. By balance from old account.....	\$14 79
By appropriation.....	1,250 00
	<u>\$1,264 79</u>

DR.

To payments, 1883.....	1,220 30
Undrawn .....	<u>\$44 49</u>

*COLLECTOR OF TAXES.*

CR.

1882.

Dec. 31. By balance.....	\$4 71
By appropriation.....	450 00
	<u>\$454 71</u>

DR.

To paid Collector, collecting \$7,224.62	
back taxes, 1 per cent.....	\$72 24
To salary .....	450 00
	<u>\$522 24</u>
Less 1 per cent. on \$6,823.48, uncol- lected taxes, 1883.....	68 23
	<u>454 01</u>
Undrawn.....	<u>\$0 70</u>

*DUXBURY & COHASSET R. R. SINKING FUND.*

CR.

By appropriation.....	\$1,500 00
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DR.

To payment to Trustees.....	\$1,500 00
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*FRESH BROOK.*

1882.

CR.

Dec. 31. By balance old account....	\$10 92
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DR.

To payments, 1883.....	75
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Undrawn.....	\$10 17
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*BURIAL HILL.*

CR.

By appropriation.....	\$250 00
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By transfer from Warren Fund.....	5 36
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	\$255 36
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DR.

To payments, 1883.....	\$255 36
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## WARREN FUND.

CR.

1882.

Dec. 31. By balance from old account . . . . .	\$1,023 50
By interest . . . . .	50 00
	<hr/>
	\$1,073 50

DR.

To payments, 1883 . . . . .	5 36
	<hr/>
Undrawn . . . . .	\$1,067 14

## ABATEMENTS.

CR.

1882.

Dec. 31. By balance from old account . . . . .	\$2,299 53
By overlay, 1883 . . . . .	634 30
	<hr/>
	\$2,933 83

DR.

To abatements, 1883 . . . . .	724 99
	<hr/>
Undrawn . . . . .	\$2,208 84

## ASSESSORS.

CR.

1882.

Dec. 31. By balance from old account . . . . .	\$37 33
By appropriation . . . . .	800 00
	<hr/>
	\$837 33

DR.

To payments, 1883 . . . . .	988 07
	<hr/>
Overdrawn . . . . .	\$150 74

*TREASURER.*

CR.

By appropriation . . . . .	\$500 00
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DR.

To payments, 1883 . . . . .	\$500 00
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*SEXTON.*

CR.

By appropriation . . . . .	\$125 00
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DR.

To payments . . . . .	\$125 00
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*TRAINING GREEN FUND.*

CR.

1882.

Dec. 31. By balance old account . . . . .	\$624 21
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By interest . . . . .	25 38
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Undrawn . . . . .	\$649 59
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*ALMSHOUSE ENLARGEMENT.*

DR.

To cost of enlargement . . . . .	\$8,614 06
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CR.

By appropriation . . . . .	\$1,500 00
By reimbursements . . . . .	15 90
By transfer from Poor account . . . . .	93 16
	<hr/>
	\$1,614 06

Overdrawn . . . . .	\$7,000 00
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# *NORTH GRAMMAR SCHOOL-HOUSE.*

Dr.

To payments..... \$3,725 69

Cr.

By appropriation..... 1,000 00

Overdrawn..... \$2,725 69

## *GUIDE BOARDS.*

The Guide Boards of the Town have been replaced and repainted where needed, and are reported in good condition.

## *APPROPRIATIONS.*

Town Debt.....	\$4,700 00
Schools.....	20,500 00
Sexton .....	125 00
Roads and Bridges.....	8,500 00
Fire Department.....	2,500 00
Watch and Police.....	1,200 00
Lighting Streets and Town House . . . . .	1,250 00
Insane Poor.....	1,250 00
New Roads.....	3,000 00
Contingent.....	2,300 00
Poor.....	6,500 00
Assessors.....	850 00
Burial Hill .....	250 00
Collector of Taxes .....	460 00
Treasurer.....	500 00
<i>Amount carried forward</i> .....	<u>\$53,885 00</u>

<i>Amount brought forward.</i> . . . . .	\$53,885 00
Duxbury & Cohasset R. R. Sinking Fund . . . . .	1,500 00
Market Street widening . . . . .	2,000 00

## DEFICIENCIES.

Schools . . . . .	\$245 75	
Fire Department . . . . .	185 69	
New Roads . . . . .	288 51	
Assessors . . . . .	150 74	
Indigent Soldiers' Aid . . . . .	326 82	
	<hr/>	1,197 51
		<hr/>
		\$58,582 51

The revenue not otherwise appropriated is as follows :

Corporation Tax, estimated . . . . .	\$5,000 00	
Bank Tax, " . . . . .	2,500 00	
Miscellaneous receipts . . . . .	300 00	
	<hr/>	7,800 00
		<hr/>
		\$50,782 51

Leaving the sum of \$50,782 51 which, it is recommended, be raised by taxation for the expenses of the current year, being \$1,159.49 less than was recommended last year.

WILLIAM H. NELSON,	} <i>Selectmen of Plymouth.</i>
JOHN CHURCHILL.	
WINSLOW B. STANDISH,	
L. T. ROLLINS,	
EVERETT F. SHERMAN,	

PLYMOUTH, February 12, 1884.

## VALUATION.

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Real estate.....	\$3,033,075
Personal property.....	1,501,454
Total valuation.....	<u>\$4,534,529</u>
Gain in real estate.....	\$114,950
Loss in personal property.....	39,429
Number of polls, 1,802.	
Number of polls, women, 14.	
Tax on polls, \$2.00.	
Rate of taxation, \$1.36.	
Number of horses, 552.	
Number of cows, 453.	
Number of sheep, 115.	
Number of dwelling houses, 1,206.	
Number of acres of land taxed, 50,762.	

## ABSTRACT OF RECORDS FOR 1883.

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*Voted*—That the Selectmen be instructed to appoint as many persons as they shall see fit, to act as Fire Wards for the care and management of fires in the woods.

*Voted*—That no license be granted for the sale of intoxicating liquors in this Town. Yeas, 101; nays, 294.

*Voted*—That the Selectmen be instructed to print the War-rant in the Annual Report, or on slips for distribution.

*Voted*—That the Selectmen be instructed to expend \$1,000 of the appropriation for roads and bridges, in the construction of sidewalks and stone crossings, and that one-half of said sum shall be expended South of Town Brook.

*Voted*—That the Selectmen be instructed to make such regulations in relation to the taking of shell fish as they may deem expedient, under Section 68, Chapter 91, of the Public Statutes.

*Voted*—That the citizens of Plymouth, in Town Meeting assembled, are desirous that the Old Colony Railroad be extended to Sandwich, and are of opinion that the interest of the Town would be equally promoted by such extension, and that a Committee of Three be appointed by the Moderator, who, with a Committee appointed at the citizen's meeting shall express the views of the Town to the Directors of said Road, and all willingness to co-operate therefor, and urge an early extension of the road.

*Voted*—That the Selectmen be authorized to permit the enclosures of the lot of Dr. James Thatcher, and Mr. Joseph Bartlett, by a suitable and permanent post and rail fence, as requested by Mr. John Bartlett ; it being understood that this vote shall not authorize any infringement in said lot, and provided there be no trespass or interference with other spots on which burials have been made.

*Voted*—That the Overseers of the Poor are hereby authorized to make such enlargement of, and repairs to the Almshouse as may be required, the addition to be of brick, and the floors of each room for occupation of the inmates other than the insane, to contain not less than ninety-nine square feet.

*Voted*—That the appropriation of \$4,000 for a new Grammar School-house, and \$8,500 for repairs and additions to the Almshouse, be met as follows :—That the Town Treasurer, under the direction of the Selectmen, is authorized to borrow the sum of ten thousand dollars on such time and on such terms as in their judgment may be for the interest of the Town, for the purpose of providing school and Almshouse accommodations, and that \$2,500 be assessed on the polls and estates of the inhabitants of the Town, and on the estates of non-residents the ensuing year.

*Voted*—That the Moderator of the Annual Meeting of this and succeeding years, receive five dollars for each days' services, the same to be paid from the Contingent Fund.

## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, Winslow B. Standish.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—John Harlow, Josiah A. Robbins, Henry Whiting.

OVERSEERS OF THE POOR—George H. Jackson, elected March 5, 1883; John Churchill, elected March 20, 1882; E. Cushing Turner, elected March 21, 1881.

SEXTON—Clement Bates.

WATER COMMISSIONERS—Charles O. Churchill, elected March 5, 1883; Everett F. Sherman, Nathaniel Morton, elected March 20, 1882; Samuel H. Doten, H. P. Bailey, elected March 21, 1881.

SCHOOL COMMITTEE—James D. Thurber, Charles I. Litchfield, elected March 5, 1883; Frederick N. Knapp, Nathaniel Morton, elected March 20, 1882; Phebe R. Clifford, Charles B. Stoddard, elected March 21, 1881.

SUPERINTENDENT OF SCHOOLS—T. D. Adams.

AGAWAM FISHERY COMMITTEE—Joseph F. Towns, Jesse R. Atwood, Augustus Robbins.

CONSTABLES—John Atwood, James B. Collingwood, Barnabas Hedge, William E. Baker, Joseph W. Hunting, Martin J. Hunting.



BURIAL HILL COMMITTEE—Selectmen.

TRUSTEES DUXBURY & COHASSET R. R. SINKING FUND—John J. Russell, George G. Dyer, Isaac Brewster.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins, George H. Jackson, Edward B. Atwood.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS—Selectmen.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perry, Hosea C. Bartlett, Galen R. Holmes, Isaac T. Hall.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—Josiah A. Robbins.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Joseph F. Towns, Benjamin Ward, Horatio Wright, Martin V. B. Douglass, Henry Whiting, Nathaniel Ellis, Nathaniel Clark, Gustavus G. Sampson, David Clark, Galen R. Holmes, Solomon F. Webquish, Nehemiah L. Savery.

POUND KEEPERS—Oliver T. Wood, Hosea C. Bartlett, Galen R. Holmes.

WATER SCRIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

BOARD OF HEALTH—Frederick N. Knapp, Charles G. Davis, William P. Stoddard, William Burns, Isaac M. Jackson.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, David H. Gilbert, Charles B. Stoddard.

BOARD OF ENGINEERS FIRE DEPARTMENT—Eleazer Shaw, H. P. Bailey, Peleg S. Burgess, M. V. B. Holmes, William E. Churchill.

## TOWN MEETING.

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### *COPY OF ARTICLES IN THE WARRANT FOR THE ANNUAL MEETING, MARCH 3, 1884.*

ARTICLE 1. To choose a Moderator.

ART. 2. To choose all necessary Town Officers.

ART. 3. To choose a Committee to regulate the fisheries in Agawam and Half Way Pond Rivers, and take such other action relating to the same as the Town may deem expedient.

ART. 4. To choose two Water Commissioners to serve for three years.

ART. 5. To hear the report of the several Officers and Committees of the Town, and act thereon.

ART. 6. To revise and accept the list of Jurors prepared by the Selectmen.

ART. 7. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes and for the disbursements under the provisions of the laws relating to State Aid, and to defray the expenses of the Town after January 1st, 1885.

ART. 8. To see if the Town will authorize the Collector of Taxes to use all means of collecting the taxes which a Town Treasurer, when appointed a Collector, may use.



ART. 9. To make all necessary appropriations to defray the expenses of the Town and for other purposes, and raise such sums of money as the Town shall deem expedient.

ART. 10. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to renew any indebtedness, heretofore incurred, falling due within the year.

ART. 11. To see what disposition the Town will make of the securities in the bonds of the Trustees of the Duxbury & Cohasset Railroad Sinking Fund, and act thereon.

ART. 12. To see if the Town will accept the widening of Carver Street, as made by the Selectmen.

ART. 13. To see if the Town will appropriate the sum of one hundred and twenty-five dollars to defray the expenses of Decoration Day.

ART. 14. Shall licenses be granted for the sale of intoxicating liquors in this Town. Vote to be by separate ballot, Yes, or No, in answer to the question.

ART. 15. To see what action the Town will take to provide better accommodations for Town Officers, and safe keeping of Town Records, and giving the required notice to the Trustees of the Public Library to vacate the rooms now occupied by them in the Town House, and to authorize the fitting up of the same for Town purposes.

ART. 16. To see what provision the Town will make for additional school accommodations, as recommended by the School Committee, and make an appropriation for the same.

ART. 17. To see what action the Town will take in regard to altering the law relating to truancy.

ART. 18. To see if the Town will accept Chapter 51 of the Public Statutes relating to betterments and other assessments on account of cost of public improvements.

ART. 19. To see if the Town will adopt Sections 1, 2, and 3, of Chapter 104 of the Public Statutes regarding the inspection, construction, material, alteration and use of buildings and other structures within its limits.

ART. 20. To see if the Town will dispose of the lot of land on the corner of South and Stafford streets.

ART. 21. To see if the Town will grant a sum of money for the purpose of maintaining the Public Library therein.

ART. 22. To see if the Town will appropriate such sums of money as may be necessary to purchase the land and old stable buildings now held by the assignees of Z. F. Leach, for the purpose of enlarging Burial Hill.

ART. 23. To see what action the Town will take in regard to extending the water pipes to Chiltonville.

ART. 24. To see if the Town will reconsider their vote passed October 9th, 1883, authorizing the Superintendent of Burial Hill to bury on said Hill the Pilgrim remains found on said Cole's Hill, and pass a vote authorizing said Superintendent to erect a memorial stone, with appropriate inscriptions, on the spot, and appropriate a sum not exceeding one hundred dollars for the same.

ART. 25. To see if the Town will re-establish the funds bequeathed by John Murdock in 1759, for the benefits of the schools and poor of the Town.

# REPORTS.

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## REPORT OF WATER COMMISSIONERS.

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The Water Commissioners' report of transactions for the year ending December 31, 1883, is respectfully submitted.

The amounts received from all sources are :

Balance of account, January 1, 1883...	\$135 56	
From Water Rates collected. ....	12,701 14	
From labor and materials.....	430 62	
	<hr/>	\$13,267 32

The payments for the year are :

For—

General expenses of maintenance.....	\$2,521 38	
Pumping expenses .....	2,095 61	
Interest on Water Works loan.....	6,000 00	
Interest on Steam Pump loan . ....	570 00	
Water pipe extension .....	1,119 97	
Relaying pipes at Wellingsley.....	866 83	
Balance to account, January 1, 1884...	93 53	
	<hr/>	\$13,267 32

The increase of amount of interest paid, compared with last year, is accounted for by the payment of coupons due previous to 1883, and promptness in presenting those due for the year,

The increased expense of setting new water gates, the laying of a much larger number of service-pipes than usual, and the taking up and relaying, on Davis street, of pipe exposed by the new grading has also increased the expenses of maintenance, to which account this work is charged.

A large expense was incurred for the laying of new pipes at Wellingsley, in place of those damaged by the storm of October 14th, and but for this unusual expense, nearly \$1,000, would appear to the credit of Water Works account.

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### *EXTENSIONS.*

The extensions of water-pipe during the year amount to nineteen hundred forty-six feet, the sizes and localities where laid being stated in the Superintendent's report.

The four-inch pipe laid across Eel River at the upper bridge is packed in cement in plank boxes and placed two feet below the bed of the stream. The plan adopted is similar to that at the Warren Street Bridge crossing in 1878, and is considered of permanent construction.

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### *PUMPING WORKS.*

Mr. H. F. Gibbs, the Engineer, reports the quantity of water pumped during the year at 177,079,953 gallons, a daily average of 485,151, exceeding the daily consumption of last year 18,584 gallons, the total amount of coal used being 328,040 pounds. Annexed to this report may be found a statement of the water used monthly during the last four years. The engine and boiler are in good condition, and have been well and carefully cared for by the Engineer.

The pump, when working, delivers water to all residents on high locations on the line of water-pipes, an elevation of thirty feet above South Pond being required.

This head, which can be increased if desired, gives a pressure on the fire hydrants on Main Street, and others of not higher grade, sufficient for effectual service should their use be required for extinguishing fires, as may be seen by the following statement.

Pressure from usual pumping-head of 80 feet at Superintendent's office :

Hydrant Plymouth Mills machine shop .....	71 feet.
“ on Benson's Hill .....	64 “
“ corner Summer Street and Willard Place...	98 “
“ corner Market and High Street.....	85 “
“ School Street near Town Square .....	64 “
“ Odd Fellows' Hall .....	82 “
“ corner Court and North Streets.....	79 “
“ Court Square .....	75 “
“ Court Street, near C. G. Davis' residence...	76 “
“ corner Court and Samoset Streets.....	93 “
“ Water Street .....	122 “
“ Pleasant and Sandwich Sts., near Market...	105 “
“ Sandwich, corner Bradford Streets.....	94 “

*INCOME STATEMENT.*

The accounts of the Collector of water rates and other amounts due the Water Works Department, show

Uncollected balance January 1, 1883..	\$243 06	
Water Rates charged for 1883.....	12,812 92	
Service pipe, labor and material, 1883,	430 95	
	<hr/>	\$13,486 93

The amounts collected are—

On water assessment account.....	\$12,701 14	
On materials and labor account.....	430 62	
Abatement of rates for 1883.....	239 81	
Uncollected balance on water rates account.....	90 93	
Uncollected balance on materials and labor account .....	24 43	
	<hr/>	\$13,486 93

In considering the result of the yearly management of the Works, it should be understood that for several years, the cost of extensions of water-pipes and other expenses on construction account, have been met from the annual collections, otherwise there would have remained after payment of interest on outstanding loans, management and pumping expenses, a surplus amounting for the last five years to the sum of \$11,614.30 which could have been carried to the Sinking Fund, and would have been a material increase of the small sum of which it now consists.

It is safe to anticipate for the future a yearly excess of income of not less than two thousand dollars, after deducting the cost of management and annual interest, and should the water bonds, due next year, be refunded, at the rate of interest now expected, the surplus will undoubtedly exceed three thousand dollars,



*GENERAL EXPENSES AND EXTENSIONS.*

Paid—

Superintendent . . . . .	\$600 00
Collector of Water Rates . . . . .	328 02
Service pipe, plumbing and hardware. . . . .	201 70
Two and four inch water gates . . . . .	111 30
Cement. . . . .	240 00
Wrought iron pipes . . . . .	530 61
Stop cocks . . . . .	46 37
Railroad freight and express . . . . .	75 62
Enamel cloth and canvass . . . . .	41 47
Service pipe boxes . . . . .	61 87
Blacksmith bill . . . . .	22 36
Printing . . . . .	41 25
Stationery and postage . . . . .	17 88
Teaming and carriage hire . . . . .	293 38
Fuel and gas bills . . . . .	30 30
Rubber goods . . . . .	17 00
Iron safe . . . . .	25 00
Cordage and twine . . . . .	60 00
Lumber . . . . .	39 12
Iron gate box tops . . . . .	21 35
White lead and oil . . . . .	30 91
Road Department . . . . .	3 00
Labor bills . . . . .	1,669 67
Coupons paid . . . . .	6,000 00
	<hr/>
	\$10,508 18

*EXPENSES OF PUMPING STATION.*

Paid—	
Engineer.....	\$704 00
Coal .....	1,067 75
Wood. ....	116 50
Machine and cylinder oil.....	41 13
Machine work.....	34 87
Boiler insurance and inspection.....	25 00
Messenger, boiler feeder .....	25 00
Rubber packing and cotton waste .....	37 15
Valves and pipes.....	25 63
Mason work and labor.....	14 52
Sal-soda for inside boiler.....	4 06
Interest on pump loan.....	570 00
	<hr/>
	\$2,665 61

*SUMMARY.*

Paid for—	
Ordinary expenses.....	\$2,521 38
Pumping expenses.....	2,095 61
	<hr/>
	4,616 99
Interest.. ..	6,570 00
Extension account ....	1,986 80
	<hr/>
	\$13,173 79
Receipts from—	
Water rates, labor and materials.....	\$13,131 76
Expenses, in excess of receipts.....	42 03
	<hr/>
	\$13,173 79

C. O. CHURCHILL, S. H. DOTEN, NATH'L MORTON, E. F. SHERMAN, H. P. BAILEY.	} } } } }	  <i>Water</i> <i>Commissioners.</i>
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# RECORD OF WORK PERFORMED BY STEAM PUMP FOR FOUR YEARS

## ENDING DECEMBER 31, 1883.

MONTHS.	1880.			1881.			1882.			1883.		
	Gallons Water Pumped.	Pounds Coal Used.		Gallons Water Pumped.	Pounds Coal Used.		Gallons Water Pumped.	Pounds Coal Used.		Gallons Water Pumped.	Pounds Coal Used.	
January.....	.....	.....		13,369,179	20,882		14,003,430	24,365		14,315,827	25,185	
February.....	.....	.....		14,979,682	25,716		12,307,537	22,260		12,536,108	22,205	
March.....	.....	.....		14,924,273	21,395		13,859,350	22,690		14,141,381	25,090	
April.....	10,301,024	17,500		13,266,871	19,940		12,287,789	19,355		12,671,968	21,905	
May.....	12,724,287	22,301		12,295,087	18,105		12,783,592	20,830		13,981,381	23,990	
June.....	13,542,107	21,819		12,896,310	18,705		13,168,588	20,030		12,605,311	21,310	
July.....	13,574,373	21,608		13,204,239	20,710		15,540,275	26,915		17,228,131	32,700	
August.....	13,051,510	20,066		15,223,412	24,555		19,331,753	38,135		17,087,336	35,710	
September.....	13,020,099	21,120		14,366,008	24,435		15,680,031	27,665		16,544,610	31,070	
October.....	10,956,469	16,045		13,881,067	22,350		15,202,073	29,930		15,699,895	31,570	
November.....	10,649,327	16,733		13,513,663	21,510		12,947,726	24,070		15,767,563	30,675	
December.....	12,733,269	19,790		13,985,516	23,520		13,184,709	24,160		14,500,442	26,630	
Total.....	110,552,465	176,982		165,905,307	261,793		170,296,853	300,405		177,079,953	328,040	

## WATER COMMISSIONERS.

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CHARLES O. CHURCHILL—Term expires March, 1886.

SAMUEL H. DOTEN—Term expires March, 1884.

HORACE P. BAILEY—Term expires March, 1884.

NATHANIEL MORTON—Term expires March, 1885.

EVERETT F. SHERMAN—Term expires March, 1885.

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SUPERINTENDENT—Richard W. Bagnell.

WATER REGISTRAR—Josiah A. Robbins.

CHIEF ENGINEER AT PUMPING STATION—Harrison F. Gibbs.

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Superintendent's office in rear of Engine House, Main Street.

Rates payable at Town Treasurer's office, semi-annually, in advance,—May 1st and November 1st.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lay over until the following month.

Bills paid by the Town Treasurer at Town House.

## SUPERINTENDENT'S REPORT.

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OFFICE OF SUPERINTENDENT OF WATER WORKS, }  
 PLYMOUTH, Jan. 1, 1884. }

TO THE COMMISSIONERS OF WATER WORKS :

GENTLEMEN :—The Superintendent of the Works respectfully submits his tenth annual report for the year ending December 31, 1883.

### *THE WORKS IN GENERAL.*

The condition of the Works is satisfactory ; they are in a prosperous condition, steadily gaining in magnitude, and the quality of the water is excellent, and the supply for the year has been abundant, and, above all this, they supply the consumer at a smaller expense than few places can boast.

A fire-proof safe, for the protection of the books and pipe-charts, has been procured for the office, which has been long needed.

The items in this report will show a steady increase of takers, and of course an increase of labor in the care of the Works.

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### *CONSTRUCTION.*

The following line of pipe and fixtures have been laid, viz. : 190 feet of 4-inch pipe was an extension on Vernon Street, between Allerton and Highland Street ; 864 feet 4-inch was laid

on Nelson Street from Court Street ; 48 feet 4-inch was laid on Mt. Pleasant in place of 48 feet of 2-inch (taken up); 152 feet 4-inch pipe was laid on Whiting Street, from Mt. Pleasant Street ; 106 feet of 2-inch pipe laid on Bradford Street, between Union and Sandwich Streets ; 327 feet of 4-inch pipe has been laid from Billington Street to residence of Wm. C. Dunlap on Summer Street ; 92 feet of 2-inch from Summer Street in the Oak Grove Cemetery ; 167 feet of 4-inch pipe laid across Eel River, above the old bridge, in place of 2-inch lead pipe (taken up). Total number of feet of pipe laid 1,946, at a cost of \$1,119.97.

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### *SERVICES.*

There have been 40 services put in the past year, at a cost of \$162.73, making a total of 1,163 service-pipes attached to the main and distribution-pipes, the street length being 23,260 feet. There has been 16 leaks in the service-pipes this year, the cost of repairs being \$36.56.

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### *STREET MAINS.*

The street mains have remained in excellent condition throughout the year, although the pressure has been much increased while pumping, only a few minor leaks having occurred, the cost of repairs being \$99.64. There has been five leaks on the main pipe between the Thomas Farm and the Pump Station, the cost of repairs being \$23.32; the total cost for repairing leaks, \$159.52. Three of the above leaks were caused by lightning on Water Street, October 14th. On the same day lightning struck the water pipe on Sandwich Road, near the Wellingsley School-house, and damaged the pipes

north to the watering trough on Sandwich Street, and South to the residence of Mr. William Beckman, on Sandwich Road, a distance of 1,634 feet. There were 633 feet of new 4-inch and 248 feet of new 2-inch pipe laid the remaining 757 feet of old pipe was repaired and relaid, the cost of repairing and relaying was \$866.83.

One hundred and eighty-three feet of the 2-inch pipe on Davis Street and 84 feet of the 3-inch pipe on Centennial Street have been lowered to conform to a change of grade, at a cost of \$78.96.

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### *GATES.*

All the gates have been inspected, and where required, repaired. Wherever new pipe has been laid, a suitable number of gates have been placed. Ten new gates have been put in:-- one 8-inch on Court Street, North of Russell Street branch; one 4-inch on Court Street, for the extension on Nelson Street; one 4-inch on Sandwich Street, North of South Green Street branch; one 2-inch on Water Street, South of Union Street; one 4-inch on Billington Street, for the extension on Summer Street; one 2-inch on Summer Street, on the branch for Oak Grove Cemetery; one 2-inch on Summer Street, for Willard Place; one 2-inch at the end of the 4-inch pipe on Sandwich Road; one 2-inch on Sandwich Street, for Winter Street; and one 2-inch on pipe for Davis Street, West of Oak Street. The cost of the three gates in the extensions of Nelson and Summer streets and the Oak Grove Cemetery, are included in the cost of extensions. The remaining seven gates, with the repairs of old gates, cost \$152.29.

*RESERVOIR.*

There has been considerable outlay during the year on the fence around the Reservoir for repairs, and a new fence is needed, as a large number of the posts are rotten and broken. The grounds about the Reservoir suffered from the severe drought last Summer, and could be improved by sowing grass and clover seed on the surface of the sod next Spring. The basin has required no repairs, except to keep in proper order the water and surroundings.

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*TELEPHONE.*

The telephone connection from the office of Superintendent to the Pump Station has proved a great convenience and continues to work satisfactorily.

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*BOXES.*

Fifty-three service-boxes and three gate-boxes have been taken out and replaced by new ones at a cost of \$54.80.

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*NEW TAKERS.*

There has been added to the water-takers this year 48 families, 3 stables, 18 water closets, 3 bathing tubs, 1 brewery, 1 marble works, 1 hennery, 1 pasture, 2 offices, 1 cemetery, and 1 church.



*LABOR.*

The whole amount expended for labor during the year.....		\$1,669 67
Amount received for labor, trenching..	\$148 25	
Amount received for labor, shutting off services.....	71 65	
	<hr/>	219 90
Total cost of labor.....		<hr/> \$1,449 77

*SIZE OF PIPE IN USE.*

Main and distribution pipe laid to Dec. 31, 1883.....		110,133 feet.
Twenty-inch pipe.....	51 feet.	
Cone .....	5 "	
Twelve-inch pipe.....	64 "	
Ten-inch pipe.....	18,362 "	
Eight-inch pipe.....	4,616 "	
Six-inch pipe.....	8,915 "	
Four-inch pipe.....	38,803 "	
Three-inch pipe.....	8,893 "	
Two-inch pipe.....	27,838 "	
Two-inch iron pipe.....	725 "	
One-inch cement pipe.....	418 "	
One-inch enameled iron pipe. ...	520 "	
Six-eight-inch cement pipe.....	110 "	
Seven-eighths-inch iron pipe....	813 "	
Total number of feet....	<hr/>	110,133 feet.

The street length of service-pipes being 23,260 feet, with the main and distribution pipes, makes a total of 133,393 feet of pipe, or 25 miles and 1,393 feet.

Total number of gates to Dec. 31, 1883.....	140
Twelve-inch gates.....	2
Ten-inch gates.....	8
Eight-inch gates.....	8
Six-inch gates.....	9
Four-inch gates.....	43
Three inch gates.....	11
Two-inch gates.....	52
One-inch gates for waste.....	7
	— 140

All of which is respectfully submitted,

R. W. BAGNELL, *Superintendent.*



## REPORT OF THE OVERSEERS OF THE POOR.

---

The undersigned, Overseers of the Poor, submit the following report :

The calls for aid rather exceed the previous year, and with the extra work caused by the removal and repairs of the old building, to make room for the new addition, has caused a rather larger expenditure than last year ; the excess of expenditure being charged in the Poor Account.

The calls from the outside poor have been attended with care.

The poor who are inmates of the Almshouse are kindly and considerately treated, carefully looked after, and comfortably clad and furnished with good and abundant food.

Balance undrawn Jan. 1, 1883.....	\$992 14
The Town raised for the support of the poor the past year.....	6,000 00
Received from other towns for supplies furnished their poor.....	1,406 89
	<hr/>
	\$8,399 03
Amount expended ... ..	\$8,005 11
Amount unexpended.....	393 92
	<hr/>
	\$8,399 03

*INSANE POOR.*

Balance undrawn Jan. 1, 1883.....	\$185 74
Amount raised for support of insane poor.....	1,500 00
Received as reimbursements.....	357 14
	<hr/>
	\$2,042 88
Amount expended.....	\$1,784 61
Amount unexpended.....	258 27
	<hr/>
	\$2,042 88

*POOR AT THE ALMSHOUSE.*

Number of inmates Jan. 1, 1883.....	21
“ admitted during the year.....	4
“ discharged during the year.....	3
“ died during the year.....	4
“ remaining Jan. 1, 1884.....	18

*INSANE POOR.*

Number at the hospitals Jan. 1, 1883.....	10
“ admitted during the year.....	1
“ discharged during the year.....	1
“ died during the year.....	1
“ remaining Jan. 1, 1884.....	9

Have entertained but sixteen tramps the past year.

We recommend that there be raised for the support of the poor for the ensuing year, \$6,500.00, and for the support of the insane poor, \$1,250.00, which is \$500.00 more for poor, and \$250.00 less for insane poor.

The Overseers having in charge the enlargement of the Almshouse, decided to put on in length 56 feet, and in width the same as the old building, (36 feet) the same to be built of brick with a slated roof ; and after procuring plans and specifications, invited proposals from contractors of our own Town. P. S. Burgess making the lowest figures on the carpenter work, and Wood and Bradford the lowest on the mason work, they were awarded the contracts, and the work was done in a satisfactory manner.

The basement is arranged with two brick coal-bins, and one large room for general housework, and has cement floor and soapstone wash-trays, copper wash boiler and hot and cold water at hand. First floor contains ten rooms, 11x9, and a bath room and water closet. Second floor contains nine rooms, 11x7, for insane, and four rooms for other inmates, with a partition across the corridor. Corridors in both stories are ten feet wide the whole length of the building, with a fire escape on the south end, from the upper story to the ground, and every room and corridor thoroughly ventilated throughout the entire building. The old and new buildings are piped throughout, and are heated by steam in a satisfactory manner. There is also a dumb waiter from the basement to the upper rooms, and hot and cold water in every story, and all conveniences that will be required for many years, and probably, on the whole, is as well arranged as any Almshouse in this County, and, with but few exceptions, in the State.

The whole cost of the building and preparing for the same, is \$8,598.16, which is made up in the following figures :

Mason and carpenter's contracts . . . . .	\$6,672 00
Steam heating " . . . . .	893 00
Fire escape " . . . . .	65 00
Architects " . . . . .	235 79
Moving old building " . . . . .	140 00
Extra work and stock on both old and new build- ings, and putting the building moved in good order . . . . .	592 37
	<hr/>
	\$8,598 16
Appropriation . . . . .	8,500 00
	<hr/>
Overdrawn . . . . .	\$98 16

And this amount is charged in Almshouse Account.

GEORGE H. JACKSON, }  
JOHN CHURCHILL, } *Overseers*  
E. CUSHING TURNER. } *of the Poor.*

## FIRE DEPARTMENT.

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TO THE HONORABLE THE BOARD OF SELECTMEN—

GENTLEMEN: I herewith submit my first annual report for the year ending Dec. 31, 1883, giving in detail the force and apparatus and record of the fires and alarms which have occurred during the year, with the amount of loss and insurance on property as near as could be ascertained, an account of the receipts and expenditures of the Department, and other information relating to its efficiency, with necessary recommendations.

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### *THE FORCE OF THE DEPARTMENT.*

The force consists of a Chief Engineer and four Assistants, with a working force of one hundred and forty-two men, including twenty call members at North Plymouth, on payment only at time of service.

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### *APPARATUS.*

The apparatus consists of two steam fire-engines, with hose carriages attached, carrying seven hundred feet of hose each ; two hand engines, with hose carriages carrying five hundred feet of hose each ; four independent hose carriages ; one force pump, located at Loring's Tack Works ; one hook and ladder carriage, carrying two hundred and twenty-five feet of ladders, with necessary hooks, axes, etc. All the above apparatus is in good order.

*HOSE.*

We have in use 4,000 feet of hose, having purchased 300 feet during the past year, all of which is in good condition.

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*HOUSES.*

The houses will require some repairs during the coming Spring, at a probable cost of two hundred dollars (\$200).

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*HYDRANTS AND RESERVOIRS.*

The total number of hydrants is 55; of reservoirs, 5—all in good order, excepting the reservoir on the Green, as reported by my predecessor, and also a bad leak in Shirley Square reservoir,—a very important one. I would recommend that it be lined with four inches of brick and cement, at a probable cost of seventy-five dollars (\$75).

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*FIRES.*

There have been eight fires during the year, to which the Department has been called : Feb. 2d, Maj. John Morissey's house, damage \$25, insured ; Feb. 8th, Robert Searson's house, damage \$1,000, insured \$600 ; March 14, Wm. Thomas estate, loss \$800, insured ; June 21st, house at Manomet Point, loss \$600, insured \$500 (the Department was not called); June 23d, house of Charles G. Davis, damage \$1,200, insured \$800 ; August 27th, house of J. C. Barnes, damage \$10, insured ; Nov. 6th, house of Capt. Henry Whiting, damage \$25, insured ; Dec. 17th, building of Thomas Atwood, on Market Street, loss \$3,700, insured.

*FINANCE.*

## DR.

Jan. 1, 1883.	To balance of old acc't..	\$105 41	
	expenditures, 1883..	2,487 95	
		<hr/>	\$2,593 36

## CR.

By appropriation .....	\$2,400 00	
By reimbursement .....	10 00	
	<hr/>	2,410 00
Overdrawn .....		<hr/> \$183 36

An appropriation of \$2,500, in addition to the deficiency in the account, it is estimated, will provide for the current expenses of the year, and is recommended. The Board would recommend the special appropriation of five hundred dollars (\$500) for the purchase of spare hose.

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*CONCLUSION.*

In conclusion, I would acknowledge the unvarying kindness and assistance which I have received from my associates in the Board of Engineers. I would tender them my sincere appreciation. To the officers and members of the Department, for their uniform courtesy at all times, and to all not members of the Department who have assisted to and from fires at any time, I would tender my sincere thanks, hoping the same feeling may continue.

Respectfully submitted,

ELEAZER SHAW,

*Chief Engineer of Plymouth Fire Department.*



## Duxbury & Cohasset Railroad Sinking Fund.

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TO THE SELECTMEN OF THE TOWN OF PLYMOUTH :

*Gentlemen,*—We respectfully submit the following statement of the condition of the Sinking Fund of the Duxbury & Cohasset Railroad, at the present time :

Amounts received from Town Treasurer.....	\$17,193 20
Amount received from income on same .....	4,773 19
	\$21,966 39

This amount has been invested as follows :

City of Chicago bond, seven per cent.....	\$1,000 00
Old Colony Railroad bond, seven per cent.....	2,000 00
Old Colony Railroad bond, six per cent ....	1,000 00
Boston & Lowell Railroad bond, six per cent.....	2,000 00
Boston, Concord & Montreal R. R. bond, 7 per cent.	2,000 00
Boston, Clinton, Fitchburg & New Bedford Rail- road bond, five per cent .. . . .	2,070 00
Chicago & Eastern Ill. R. R. bond, six per cent..	2,000 00
Chicago Car Trust bonds, six per cent.....	2,000 00
Town of Plymouth Water Scrip, six per cent.....	1,000 00
United States bonds, four per cent .....	2,425 00
Massachusetts Central Railroad bonds, six per cent.	2,000 00
Webster National Bank, five shares.....	500 00
Old Colony National Bank, ten shares.....	1,000 00
Deposits in Savings Banks and cash... ..	971 39
	\$21,966 39

JNO. J. RUSSELL, GEORGE G. DYER, ISAAC BREWSTER,	}	<i>Trustees.</i>
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PLYMOUTH, Jan. 26, 1884.



## Plymouth Water Scrip Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH :

*Gentlemen,*—We respectfully submit the statement of the condition of the Sinking Fund of the Plymouth Water Scrip at this time :

Amount received of Town Treasurer .....	\$1,759 43
Income received from same .....	590 62
	\$2,350 05

The amount has been invested in :

Bond of Mansfield & Framingham R. R., 6 per cent.	\$1,025 67
Bond of Chicago Car Trust, six per cent .....	1,000 00
Plymouth Savings Bank .....	324 38
	\$2,350 05

WILLIAM H. NELSON, }  
 GEORGE G. DYER,     } *Trustees.*

PLYMOUTH, Feb. 6, 1884.

## TOWN CLERK'S REPORT.

*MARRIAGES REGISTERED IN PLYMOUTH IN 1883.*

- Jan. 1. Henry N. Blanchard and Martie E. Cobb, both of Kingston.
- Jan. 3. Frank A. Walker of Marshfield and Mary G. Currier of Plymouth.
- Jan. 13. William C. Hathaway and Ada F. Snow, both of Plymouth. Married at Maplewood.
- Jan. 15. Louis B. Howland and Mary Helen Gray, both of Plymouth. Married in Brockton.
- Jan. 18. William A. Diman and Minnie Cady, both of Plymouth.
- Jan. 18. Joseph Haupt of Plymouth and Mary F. Pfab of Philadelphia.
- Jan. 20. Herbert L. Griffin and Content C. Doten, both of Plymouth.
- Jan. 23. Duncan McLennan and Jennie McLean, both of Plymouth.
- Jan. 27. Arthur Forrest and Henrietta Babbett, both of Plymouth.
- Jan. 28. Simon P. Doran of Hartford, Conn., and Mary Ann Girroir of Plymouth.
- Feb. 6. Ernest T. Hayden of Brookfield and Helen P. Loring of Plymouth. Married in Newton.
- Feb. 19. William H. Shaw and Henrietta M. Bryant, both of Plymouth.

- Feb. 22. Frank M. Dunbar of Weymouth and Lydia B. Magee of Plymouth.
- Feb. 24. Samuel F. Knowles and Amber G. Swift, both of Plymouth.
- Mar. 16. John E. Lanman of Plymouth and Annie K. Reed of South Abington. Married in South Abington
- Mar. 28. John H. Weeks and Addie C. Chandler, both of Plymouth.
- Mar. 28. Edwin L. Sampson of Kingston and Lydia O. Standish of Plymouth. Married at Kingston.
- Apr. 8. Joseph Ferdinand of Plymouth and Mary L. Fratus of Boston. Married in Boston.
- Apr. 25. Josiah D. Churchill and Jemima Grigg, both of Plymouth. Married in Kingston.
- Apr. 30. Ebenezer N. Morton and Lillie F. Clark, both of Plymouth.
- May 9. Paul Karle and Carrie E. Smith, both of Plymouth.
- May 10. George F. Jackson of Plymouth and Clara A. Keene of Kingston. Married in Kingston.
- May 11. L. Frank Glover and Laura C. Harlow, both of Plymouth.
- May 21. George M. Wilson and Nettie Tozier, both of Plymouth.
- May 23. Alvin S. Perkins of Carver and Anna Wilks of Braintree.
- May 29. Edward C. Morse of Plymouth and Hannah I. Parker of Wareham.
- May 31. John Lynch and Bridget Gantley, both of Plymouth
- May 31. James H. Raymond and Lucinda Westgate, both of Plymouth.
- June 6. Andrew E. Paulding of Duxbury and Bethiah Mahuren of Plymouth. Married in Duxbury.

- June 6. Charles G. Eldridge of New Haven and Emma W. Blackmer of Plymouth.
- June 9. Otis Churchill and Abbie E. Cushman, both of Kingston.
- June 11. Paul V. Rinaldo and Mary A. Donley, both of Plymouth.
- June 14. Jabez Chummuck of Plymouth and Mary A. Seals of Philadelphia.
- June 16. David W. Nightingale and Delia Griswold, both of Plymouth.
- June 23. Chauncey M. Robbins of Plymouth and Bethiah E. Leonard of Wareham. Married in Wareham.
- July 12. Robert Siebenschu and Julia Horst, both of Plymouth.
- July 22. George Miller and Catharine Burghard, both of Plymouth.
- July 22. John B. Picard and Maggie Grames, both of Plymouth.
- July 28. Edgar F. Howland and Elizabeth A. Mahone, both of Plymouth.
- Aug. 1. Edward S. Giles of Plymouth and Mary R. Winslow of Boston. Married in Boston.
- Aug. 12. William P. Cobb and Annie B. Jackson, both of Plymouth.
- Aug. 13. Charles R. Wood and Betsey G. Simmons, both of Plymouth.
- Aug. 19. Charles Kostner and Lizzie Lanman, both of Plymouth.
- Sept. 1. Benjamin F. Ward and Abbie B. Edes, both of Plymouth. Married in Kingston.
- Sept. 9. Walter A. Lane of Kingston and Eva T. Wright of Plymouth.
- Sept. 10. George H. Frothingham and Monica M. Keney, both of Plymouth.

- Sept. 11. Charles H. Raymond and Phebe J. Beeler, both of  
Plymouth.
- Sept. 15. Sylvanus S. Bennett of Plymouth and Chrissie Nicol  
of Reading. Married in Reading.
- Sept. 23. Lars. G. Johanneson and Julie M. Ingebretson, both  
of Plymouth.
- Sept. 26. George M. Gifford of South Abington and Abbie J.  
Robbins of Plymouth.
- Sept. 26. Alvin S. Keach and Elizabeth B. Young, both of  
Plymouth.
- Sept. 26. Robert A. Torrance and Ella F. Atwood, both of  
Plymouth.
- Sept. 30. John Basler and Mary Braunecker, both of Plymouth.
- Oct. 13. Orin B. Sherman and Betsey M. Davis, both of Ply-  
mouth.
- Oct. 13. Nathaniel A. Dutton of Boston and Annie Horan of  
Plymouth.
- Oct. 16. James A. Collingwood and Natalie H. Morton, both  
of Plymouth.
- Oct. 17. James Herbert Finney and Edith Mahany, both of  
Plymouth.
- Oct. 17. Harrison L. Tobey of Boston and Helen M. Beal of  
Plymouth.
- Oct. 20. Elmer E. Swift of Plymouth and Edwina R. Dow of  
Campton, N. H. Married in Middleboro.
- Oct. 21. John F. Raymond and Carrie R. Mann, both of  
Plymouth. Married in Wareham.
- Oct. 22. George H. Chandler of Marshfield and Alice G. Ben-  
net, both of Plymouth. Married in Marshfield.
- Oct. 25. George Loeser of Plymouth and Augusta Rose of  
Boston.
- Oct. 25. William P. Morton and Hattie C. Perry, both of  
Plymouth.

- Oct. 31. B. Frank Barnes of Plymouth and Mary O. Cowen of Fall River. Married at Fall River.
- Oct. 31. Nathaniel M. Sears and Bridget Mahoney, both of Plymouth.
- Oct. 31. Ernest B. Noyes of Milford and Alice W. Manter of Plymouth. Married at Milford.
- Nov. 8. John J. Mahoney and Mary F. Morgan, both of Plymouth.
- Nov. 8. John F. McArdel of Plymouth and Mary E. Mahoney of Kingston.
- Nov. 11. Fred. W. Everson and Almeda M. Doten, both of Hanson.
- Nov. 13. James E. Corey and Mary Evans, both of Taunton.
- Nov. 19. George W. Wheeler of Milford and Mary Lizzie Heath of Plymouth.
- Nov. 21. Arthur P. Peterson and Nettie L. Brown, both of Plymouth.
- Nov. 27. John B. Morgan of Plymouth and Edith F. Lucas of Kingston. Married in Kingston.
- Nov. 28. Vinal F. Burgess and Carrie R. Churchill, both of Plymouth.
- Nov. 29. Corban Barnes, Jr., and Lizzie B. McDonald, both of Plymouth.
- Nov. 29. Josiah B. Howard and Cynthia Burt, both of Plymouth.
- Nov. 29. Arthur W. Burbank and Ruth R. Sampson, both of Plymouth.
- Nov. 29. John Glennon of Boston and Mary Ann O'Brien, both of Plymouth.
- Nov. 29. Philip O'Connell and Hannah C. Scanlan, both of Plymouth.
- Nov. 29. Willard O. Holbrook and Nellie B. Swift, both of Plymouth.



- Nov. 29. Elwood B. Chandler and Bertha L. Chandler, both of Duxbury.
- Nov. 30. John D. Churchill and Julia A. Hawley, both of Plymouth. Married in New Bedford.
- Dec. 5. George E. Doten and Mary L. Vaughn, both of Plymouth.
- Dec. 8. Otis N. Robbins and Nellie L. Burt, both of Plymouth.
- Dec. 13. James H. Clark and Irene Nickerson, both of Plymouth.
- Dec. 24. Frank T. Holmes of Duxbury and Etta C. Sampson, of Plymouth.
- Dec. 24. Frank W. Roberts and Sarah M. Maud, both of Plymouth.
- Dec. 24. John F. Courtney and Dorcas O. Nickerson, both of Plymouth.
- Dec. 25. James T. Malone and Katie E. Smith, both of Kingston.
- Dec. 25. Charles D. Cole of Plymouth and Lilian G. Wiley of Wellfleet. Married at Wellfleet.



## BIRTHS REGISTERED IN PLYMOUTH IN 1883.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1883.				
Jan. 2,	James Henry Downey,	Timothy and Annie,	Plymouth,	Bridgewater.
" 3,	John McHenry,	James and Elizabeth S.,	New Brunswick,	Plymouth.
" 3,	Ferdinand H. Forstmeyer,	Victor H. and Paulina,	Germany,	Staten Island.
" 10,	Beatrice I. Amsden,	Fayette M. and Martha W.,	Grafton, Vt.,	Nova Scotia.
" 10,	George Norton Hamblin,	Stephen M. and Elizabeth A.,	Fair Haven,	New York.
" 11,	Arthur W. Gilbert,	Walter L. and Josephine I.,	Dorchester,	Augusta, Ga.
" 13,	Frederick Carlton Yeaton,	Oliver R. and Augusta A.,	Alfred, Me.	New Hampshire,
" 16,	Henry Shippen Lord,	Arthur and Sarah,	Wisconsin,	Chicago, Ill.
" 16,	Arthur Sylvester Douglass,	Roswell S. and Frances,	Lowell,	Brooklyn, N. Y.
" 17,	Edward J. Hogan,	John and Sarah,	Ireland,	New York.
" 20,	James Simmons,	Nathaniel H. and Alice,	Plymouth,	Ireland.
" 21,	Eva Jane Landry,	Charles and Felicite,	Nova Scotia,	Nova Scotia.
" 22,	Grace B. Hayden,	Charles F. and Lydia T.,	Plymouth,	Plymouth.
Feb. 4,	Henrietta Burgess Griffin,	George W. and Aelsah R.,	Plymouth,	Sandwich.
" 6,	Myrtie Linwood McComisky,	Jeremiah S. and Jane,	Nova Scotia,	Nova Scotia.
" 7,	Carl Fletcher Pratt,	George W. and Augusta,	Carver,	Mystic, Conn.
" 8,	William Winslow Burns,	Robert and Lizzie,	Plymouth,	Ireland.
" 9,	Arthur W. Westgate,	William W. and Bridget,	Plymouth,	Nova Scotia.
" 10,	Ellen Dora Boudrot,	Jeffrey and Mary,	Nova Scotia,	Plymouth.
" 11,	Daniel Currier Wood,	George W. and Gertrude,	Penbroke,	Barnstable.
" 11,	— Cash,	Gideon and Salina.	Yarmouth,	

Feb.	12,	Harriet May Richmond,	John A. and Isabella N.,	Plymouth,	Plymouth.
"	16,	Lois B. Brewster,	William W. and Annie L.,	Plymouth,	Plymouth.
"	24,	Matilda Jane Towns,	Joseph F. and Jane,	Boston,	Glasgow, Scotland.
March	1,	Nina Porter Wood,	Alba N., Jr., and Amanda F.,	Plymouth,	Plymouth.
"	3,	Alice Gertrude Courtney,	Patrick and Catherine,	Ireland,	Wareham.
"	9,	Roland W. Vaughn,	Leander M. and Mary C.,	Sandwich,	Plymouth.
"	11,	Charles Foster Bailey,	Rufus E. and Ida L.,	Kingston,	East Wareham.
"	16,	Rufus Edward Caswell,	Arthur L. and Mary F.,	Plymouth,	Virginia.
"	22,	Eva Harri Brown,	Alfred P. and Alice M.,	Kingston,	Plymouth.
"	24,	Harriet Newell Parker,	Albert I. and Annette,	Virginia,	Nova Scotia.
"	27,	May Williams,	Fredric L. and Fannie E.,	Plymouth,	Plymouth.
April	1,	William P. Langford,	William and Jennie F.,	Mystic, Conn.,	Plymouth.
"	2,	— Glover,	Cyrus J. and Eliza A.,	Hyannis,	East Bridgewater.
"	2,	Terrance O'Brien,	William and Margaret,	Abington,	Boston.
"	3,	Pelham Harrison Whiting,	Pelham and Helen P.,	Bridgewater,	Plymouth.
"	5,	Curtis Holmes,	Curtis and Susan T.,	Plymouth,	Plymouth.
"	8,	Abby Marble,	Edward D. and Abbie,	Boston,	South Boston.
"	11,	Warren Potter Strong,	Charles A. and Sarah E.,	Plymouth,	Boston.
"	13,	Allen E. Stott,	John and Isabella,	England,	Sweden.
"	21,	Fred Albert Erickson,	John and Ellen S.,	Sweden,	Plymouth.
"	23,	Clara Frances Standish,	Miles and Mary N.,	Boston,	Quincy.
"	30,	John William Hurley,	Charles and Mary A.,	Plymouth,	Plymouth.
May	1,	Hannah T. Torrence,	Edward G. and Louisa,	Plymouth,	Plymouth.
"	5,	Carl Edward Ellis,	Arthur E. and Annie L.,	New Bedford,	Wareham.
"	6,	Annie Evans Lewis,	Joshua T. and Mary J.,	Wareham,	Wareham.
"	11,	Bertie Wentworth Besse,	Hermion J. and Marcia J.,	Kingston,	Kingston.
"	12,	Clarence Winslow Peterson,	William H. and Mary A.,	Canada,	East Bridgewater.
"	14,	Beatrice May Wright,	George and Lydia A.,	Maryland,	Pennsylvania.
"	15,	William Madison Williams,	Walter and Mary,	Holland,	Newfoundland.
"	22,	Mary Elizabeth Osterdiep,	William and Mary,	Scotland,	England.
"	30,	Isabella Tait Anderson,	Amos B. and Harriet,	England,	Kingston.
June	1,	Minnie Booth Woodhead,	Sylvester and Eveline C.,	Plymouth,	Boston.
"	3,	Lillian G. Dayce,	J. George and C. Sophia,	Germany,	Plymouth.
"	4,	Charlotte S. Stetler,	Henry and Minnie G.,	Maine,	
"	5,	Lena A. Dodge,			

# BIRTHS—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1883.				
June 10,	Knowlton Briggs Holmes,	David and Emma F.,	Plymouth,	Medfield.
" 11,	Caty Florence Hirsch,	Theodore and Delia,	Marshpee,	Sandwich.
" 12,	Elena Page Howland,	Arthur L. and Aurilla L.,	Plymouth,	Brockton.
" 15,	Marlon Wadsworth Baytes,	Henry J. and Ida C.,	Plymouth,	Providence, R. I.
" 15,	David Oscar Haskell,	James and Aurelia,	Fall River,	Plymouth.
" 16,	George Kennedy,	Thomas J. and Mary F.,	Lowell,	Salem.
" 16,	Arthur Lewis White,	Paschal and Sarah A.,	Cape Breton,	Plymouth.
" 21,	Gertrude Josephine Essop,	William and Georgianna,	Boston,	Portland, Me.
" 22,	Grace Bartlett Ellis,	Thomas C. and Delia S.,	Plymouth,	Kingston.
" 24,	Frederick Wallace Dunbar,	Charles D. and Emma F.,	Plymouth,	Plymouth.
July 1,	Regina May Karle,	Thomas and Mary M.,	Germany,	Nova Scotia.
" 3,	John Pierce,	Charles W. and Betsey,	Plymouth,	Sandwich.
" 5,	Jenny Balbina Picard,	John B. and Sarah J.,	Nova Scotia,	Nova Scotia.
" 6,	Norman G. Cate,	Norman F. and Emma S.,	East Cambridge,	Boston.
" 7,	Chester R. Edes,	Edwin L. and Mary E.,	Plymouth,	Plymouth.
" 10,	Minerva B. Valler,	John W. and Ella A.,	Plymouth,	Woodbury, Vt.
" 11,	Kate Bradford Stranger,	Edward F. and Emma J.,	Plymouth,	Plymouth.
" 11,	Chester A. Hineckley,	Obed A. and Julia E.,	Sandwich,	Plymouth.
" 21,	Caspar B. Frohn,	John and Margaret,	Germany,	Germany.
" 22,	Michael James Bagnall,	James H. and Catharine G.,	Plymouth,	Ireland.
" 22,	Angie Avery Churchill,	Albert L. and Ruth E.,	Plymouth,	Boston.
Aug. 1,	Lillie Draummer,	George Henry and Barbetta,	Germany,	Germany.
" 2,	Mary Lillian Mahler,	Charles and Mary,	Plymouth,	Cambridge,
" 3,	Marcia T. Manter,	Pelham E. and Sarah E.,	Germany,	Plymouth,
" 6,	Albert L. Kierstead,	Andrew and Mary A.,	Carver,	St. Johns,
" 11,	Mary S. Jackson,	George H. and Hattie B.,	Plymouth,	Wareham,
" 11,	Nelson Thomas Wright,	Edward A. and Margaret N.,	Plympton,	Plymouth,

Aug.	16,	William Nelson,	Peter M. and Jennie,	Sweden,	Sweden.
"	20,	Horace W. Dickerman,	Horace W. and Lillie E.,	Plymouth,	Nova Scotia.
"	"	Emma Schriever,	Adolph and Salome,	Germany,	Germany.
"	24,	Lottie Dean Mellen,	Albert and Frances L.,	Warsaw, Ill.,	Plymouth,
"	25,	Nellie Garvey,	John and Maria,	Ireland,	Bridgewater.
"	26,	Ida May Sampson,	Christopher D. and Lucy B.,	Plymouth,	Plymouth.
"	28,	Frank Weston Shaw,	Weston A. and Annie F.,	Plymouth,	Wareham.
Sept.	3,	Arthur Bennett,	Lorenzo M. and Susan H.,	Middleboro,	Plymouth.
"	4,	Cora Frances Harlow,	Albert F. and Alice,	Plymouth,	Plymouth.
"	5,	Grace E. Voght,	Caspar H. and Emma J.,	Plymouth,	Germany.
"	"	Caroline Etta Hertel,	Frederick W. and Georgianna,	Charlestown,	Plymouth.
"	"	Grace Edmund Churchill,	Henry A. and Asenath C. D.,	Plymouth,	Sandwich.
"	10,	Ronald Sewall Osgood,	E. Q. S. and Mary H.,	Coliasset,	Coliasset.
"	15,	Herbert Spalding Avery,	Elmer E. and Hannah B.,	Berlin, Vt.,	Plymouth.
"	23,	Nancy Bradford Stevens,	Benjin F. and Lizzie M.,	Boston,	Plymouth.
"	24,	Amy Rosalie Swift,	Thomas E. and Annie M.,	Plymouth,	Plymouth.
"	27,	Nancy Wing Morri-on,	Simcon H. and Nancy W.,	Nova Scotia,	Plymouth.
"	28,	Francisca Judas,	Fritz and Annie M.,	Germany,	Germany.
"	28,	Charles Atwood Sears,	Andrew T. and Mary,	Plymouth,	Bridgewater.
"	29,	Alton Ellis Sears,	Everett H. and Sarah A.,	Plymouth,	Westport.
Oct.	3,	John H. Weeks,	John H. and Addie C.,	Boston,	Plymouth.
"	4,	Arthur L. King,	Sylvanus W. and Deborah H.,	Plymouth,	Plymouth.
"	9,	Wendell Falk,	Peter and Catarine,	Germany,	Nova Scotia.
"	10,	Alice Spooner Manter,	Frank E. and Esther M.,	Wareham,	Plymouth.
"	11,	Florence E. Bradford,	Herbert E. and Lizzie A.,	Plymouth,	Plymouth.
"	15,	Alton Holmes Fish,	George H. and Georgietta A.,	Kingston,	Plymouth.
"	17,	Miriam Oliver Williams,	Edward A. and Elizabeth A.,	Lynn,	Plymouth.
"	19,	William J. Perrier,	Daniel and Victoria,	Nova Scotia,	Nova Scotia.
"	26,	Joanna May McDonald,	Murdoch A. and Catharine,	Nova Scotia,	Nova Scotia.
Nov.	1,	Eva M. Hinckley,	Philip and Isabella B.,	Sandwich,	Plympton.
"	2,	Mary Warren Morton,	Eben N. and Lillie F.,	Plymouth,	New Bedford.
"	2,	May Dwight Hill,	E. Dwight and Ida M.,	Biddeford,	Buxton, Me.
"	4,	Lucy May Harlow,	William H. and Annie M.,	Plymouth,	Duxbury.
"	5,	Mabel Eveline Holmes,	Josiah L. and Abbie F.,	Plymouth,	Plymouth.
"	6,	Emmeline B. Finney,	James H. and Eldora F.,	Plymouth,	Norfolk, Va.



## BIRTHS—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1883. Nov. 6,	Warren Ellsworth Raymond,	William W. and Flora G.,	Plymouth,	Acushnet.
" 9,	William Simon Picard,	John B., Jr., and Maggie,	Nova Scotia,	Nova Scotia.
" 11,	— Goddard,	Frank and Fannie B.,	Plymouth,	East Bridgewater.
" 14,	Harry Franklin Haley,	Henry T. and Lucy W.,	Plympton,	Plymouth.
" 15,	Harold Jefferson Weston,	Myles S., Jr., and Nellie G.,	Plymouth,	Wilmot Flat, N. H.
" 16,	Annie Augusta Pierce,	George H. and Annie M.,	Plymouth,	Plymouth.
" 17,	Harry Ames Bradford,	Edward W. and Janette A.,	Plymouth,	Belfast, Me.
" 18,	Florence Lucas,	John and Annie,	England,	Ireland.
" 18,	Edward Francis King,	Nathan and Abby S.,	Plymouth,	Plymouth.
" 19,	Frank Lester Buckingham,	Joseph S. and Mary S.,	New York,	Plymouth.
" 22,	Marion F. Chase,	William L. and Lucy E.,	Dennis,	Plymouth.
" 24,	Edward William Drummond,	Richard J. and Ellen,	Nova Scotia,	Randolph.
" 27,	Marion Everett Holmes,	Daniel W. and Clara M.,	Plymouth,	Newport, R. I.
Dec. 3,	Margaret J. Perkins,	John B. and Sarah A.,	Plymouth,	Ireland.
" 22,	Bessie Allen,	Sherman and Serena,	Plymouth,	Plymouth.
" 22,	Zelma Butler Lucas,	Hiram B. and Mary E.,	Kingston,	Plymouth.
" 24,	John Henry Pierce,	Ezra L. and Elizabeth A.,	Plymouth,	Nova Scotia.
" 26,	Herbert Weston Swift,	Thomas P. and Mary L.,	Plymouth,	Plymouth.
" 28,	Caroline Wethers,	Charles A. and Caroline,	Boston,	Lynn.
" 31,	— Adams,	Lyman D. and Alice J.,	Spencer,	East Brookfield.

## DEATHS REGISTERED IN PLYMOUTH IN 1883.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1883.						
Jan. 7,	Wealthy Holmes,	66	6	—	Pneumonia,	Nathan and Euphemia.
" 27,	John A. King,	3	9	14	Paralysis of Heart,	Thomas and Ann.
" " 27,	Clara M. Doten,	34	4	8	Phthisis,	John T. and Sally Morton.
" " 28,	Nellie W. Howland,	14	8	2	Blood Poisoning,	Friend W. and Naomi T.
Feb. 2,	Alexander P. Atwood.	53	4	13	Probably Heart Disease,	John B. and Martha B. [in Quincy.
" 2,	William Hall Jackson,	40	9	13	Accidental,	William Hall and Rebekah S. Died
" 8,	Arthur W. Gilvert,	—	—	28	Internal Hemorrhage,	Walter L. and Josephine I.
" 9,	Allen B. Litchfield,	7	7	25	Heart Disease,	Charles I. and Rebecca B.
" 13,	Margaret Spooner,	74	6	—	Heart Disease,	James and Margaret.
" 20,	Robert Finney,	51	7	6	Phthisis Pulmonalis,	Robert and Susan.
" 21,	Barnabas Ellis,	73	1	1	Heart Disease,	William and Betsey.
" 24 <sup>s</sup> ,	Hannah P. Besse,	43	7	13	Phthisis Pulmonalis,	Perez S. and Hannah Wade.
" 25,	Beatrice Idella Ansdan,	—	1	15	Erysipelas and Convulsions,	Fayette M. and Martha W.
" 28,	Ephraim Dunham,	82	1	—	Apoplexy,	Ichabod and Betsey.
" 28,	Ebenezer Freeman Avery,	—	2	14	Malformation of Lungs and Heart,	Winslow W. and Mary A.
March 1,	Cynthia Thrasher,	79	—	—	Paralytic Shock,	Prince and Lucy.
" 5,	Seth S. Bartlett,	69	11	—	Cirrhosis of Liver,	Lemuel and Lucy.
" 7,	Mary C. Clark,	86	—	—	Heart Disease,	Laban and Abigail.
" 7,	Addie Morton Finney,	25	3	5	Phthisis,	George and Abbie W.
" 7,	Joseph Holmes,	69	4	7	Pneumonia,	Joseph and Esther.
" 9,	Lewis Harlow,	83	6	9	Old Age and Bronchitis,	Lewis and Hannah.
" 27,	William Howland,	88	3	—	Senile Debility,	Abraham and Betsey.
" 27,	Helen Aubrey Burns,	1	5	6	Tubercular Meningitis,	Robert and Lizzie W.
" 29,	Haunah Elizabeth Hatton,	36	1	20	Endocarditis,	Edward and Hannah G. Howard.

# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1883.						
April 3,	Lucy J. Freeman,	46	10	17	Recorded in Lynn,	Ichabod and Sarah H. Bearse. Died [in Lynn.
" 5,	Charles Dofen Finney,	—	8	13	Chronic Bronchitis,	Elkanah and Jennie S.
" 10,	May Williams,	—	—	14	Premature Birth,	Frederick L. and Fannie E.
" 15,	Patrick Dolan,	76	1	13	Catarrhal Pneumonia,	James and Rosanna.
" 16,	Thomas Bearce,	77	1	13	Heart Disease,	Ichabod and Jerusha.
" 17,	Henry Ellsworth Wood,	12	9	24	Scarletina,	Ichabod and Mercy D. [Abington.
" 20,	Anna L. Holmes,	22	5	29	Peritonitis,	John F. and Laura A. Died in South
" 24,	Lucy W. Churchill,	77	2	10	Rheumatism and Exhaustion,	William and Susan Nye.
" 26,	Louis C. Howard,	—	9	22	Affection of Brain,	Daniel L. and Ada F. [Lynn.
" 26,	Cynthia D. Barnes,	88	11	7	Old Age,	Lemuel and Abigail Simmons. Died in
" 26,	Edwin C. Austin,	32	2	2	Consumption,	Isaac L. and Mary A. Died in Lynn.
May 2,	Stephen Faunce,	64	8	8	Hemorrhage of Lungs,	Stephen and Betsey. Died in Lynn.
" 5,	Harriet T. Carver,	74	3	24	General Disease,	
" 10,	— Cash,	—	3	5	Unknown,	
" 11,	John Edgar Morrison,	45	1	—	Drowning,	Gideon E. and Selina. [beth, N. J.
" 12,	Hannah W. McLaughlin,	61	1	23	Bronchitis,	John and Janette E. Died in Eliza-
" 13,	Lillie May Cash,	1	3	14	Menigitis,	Abraham and Patience Dunham. Died
" 19,	William H. Morey,	91	8	—	Old Age,	Ensign S. and Olive L. [in Boston.
" 22,	Albert Henry Cromwell,	19	4	2	Pulmonary Consumption,	Cornelius and Jerusha. Died in
" 22,	Frederick Samuel Mahler,	5	4	27	Scarlet Fever,	Charles and Mary. [Neponset.
" 26,	Diana Vaughan,	86	6	—	Old Age,	Frederick and Violet.
" 27,	John Andrew Denney,	—	8	1	Sick from Birth,	Caleb and Deborah.
" 28,	Frederick Mahler,	21	6	9	Drowned,	Patrick T. and Margaret A.
" 30,	Patrick Malone,	55	11	6	Recorded in Kingston,	Jacob and Elizabeth.
" 30,	Sarah K. Bartlett,	39	9	20	Phthisis Pulmonalis,	Michael and Mary. Died in Kingston.
" 30,						Isaac and Sarah C.



June	2,	Thomas B. Sears,	74	10	14	Heart Disease,	Thomas and Susan.
"	7,	Charles A. Snow,	4	8	27	Lymphadenoma,	Philip M. and Rebecca T.
"	14,	Maltiah Howard,	76	6	20	Internal Injury,	Maltiah and Lydia.
"	20,	Harriet Locke,	75	7	8	Brain Disease,	Joseph and Lydia.
"	30,	Mary Elizabeth Stevens,	71	2	—	Old Age,	Ernest Henry and Mary Elizabeth.
July	7,	Louis T. Bartlett,	13	—	24	Recorded in Brockton,	Henry K. and Eliza B. Died in
"	7,	Eber W. Hall,	65	11	13	Heart Disease,	Eber and Elizabeth. [Brockton.
"	8,	Catharine B. Morton,	77	1	—	Exhaustion,	Leuel and Sarah Brown.
"	9,	Winthrop L. Warren,	1	—	24	Cholera Infantum,	Russell A. and Carrie M. Died in Boston
"	10,	Charlotte Sophia Steidle,	—	—	6	Feeble from Birth,	John George and Charlotte Sophia.
"	11,	Chester A. Hinkleley,	55	8	4	Hemorrhagic Diathesis,	Obed A. and Julia E.
"	13,	Daniel F. Goddard,	1	8	—	Paralysis,	Daniel and Mary. Died in Chelmsford.
"	19,	Charles E. Brown,	82	6	25	Inanition,	Geo. W. and Hannah M. Died in San-
"	20,	Nancy Merrill,	1	3	7	Old Age,	Joseph and Nancy Hackett. [dusky, O.
"	20,	Paul Karle,	—	—	—	Scarlet Fever,	Thomas and Mary M.
"	28,	Matilda Boudrot,	—	11	—	Convulsions,	Melina and Sabine.
Aug.	1,	Harmony P. Holmes,	58	3	28	Peritonitis,	Aiza and Marcia Keith.
"	1,	Charles Whitten,	76	11	25	Old Age,	Abraham and Sarah.
"	2,	Phebe Davee,	79	9	—	General Debility,	Ephraim and Phebe Finney.
"	7,	William Callahan,	29	10	8	Fracture of Spine,	Thomas and Ellen. Died in Kingston.
"	8,	Almira Weston,	84	8	—	Old Age.	William and Betsey Card. [Bos-
"	8,	Job T. Cole,	72	6	15	Bright's Disease of Kidneys,	Samuel and Sally. Died in South
"	11,	Lucy Nelson Hathaway,	61	11	26	Died suddenly,	Ebenezer and Abigail Sherman.
"	11,	Charles Cushing,	75	2	24	Heart Disease,	Brackley.
"	11,	Branch Hodges,	—	8	21	Cholera Morbus,	Benjamin F. and Bettie N.
"	12,	John Rogan,	—	4	—	Marasmus,	Joseph J. and Jennie. Died in South
"	15,	Nellie O'Donnelli,	1	1	—	Apoplexy,	Frederick and Mary. [Abington.
"	16,	Ellen O'Keefe,	56	—	8	Consumption,	Marks and Bridget Madigan.
"	20,	Harriet May Richmond,	—	6	19	Cholera Infantum,	John A. and Isabella N.
"	26,	Aline Frye Cole,	—	6	—	Dropsy.	Albert F. and Frances J. E.
"	28,	Lucretia Lucas,	71	—	—	Recorded in Brockton,	Frederick A. and Carrie M. Died in
"	28,	Ethel Frances Parsons,	—	—	2	Dropsy,	[Brockton.
"	30,	Frances Gertrude Weston,	60	—	—	Diarrhoea,	
"	31,	Calvin Lucas,	78	8	—	Valvular Disease of Heart,	
Sept.	1,	John Moore,	41	—	—		Malachi and Winifred.

# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1883.						
Sept. 3,	Harvey Shaw Raymond.	67	9	25	Found dead. Probably from injury	George and Priscilla.
" 5,	Samuel H. Davee,	65	7	5	Heart Disease,	Samuel C. and Mercy. Died in Malden.
" 7,	Thomas Galligan,	—	5	16	Disease of Brain,	Thomas B. and Amelia Nickerson.
" 8,	Selina H. Cash.	31	3	17	Consumption,	William and Elizabeth F. Dunham.
" 10,	Betsy Foster Barnes.	94	—	2	Old Age,	Isaac and Rhoda Davis.
" 12,	Mary B. Morton,	65	10	16	Pneumonia,	Weston A. and Annie F.
" 13,	Frank W. Shaw,	—	—	14	Sick from Birth,	Henry and Nancy B. Whiting. [son, M.]
" 15,	Carrie B. Holmes,	28	3	30	Plithis,	Samuel S. and Betsey D. Died in Mad-
" 15,	Jennie H. Benson,	26	—	—	Congestion of Lungs,	Charles W. and Mary B. Died in East
" 18,	Annie Franklin Lauman,	4	10	21	Diphtheria,	Patrick and Hannah. [Boston.
" 20,	James C. Frawley,	22	6	—	Plithis Pulmonalis,	George W. and Paulena.
" 20,	Addie Congdon,	33	8	—	Internal Hemorrhage,	John and Mary Ann.
" 23,	Maggie Bodel,	1	7	—	Accidental Strangulation,	Job and Sarah. Died in Taunton.
" 24,	Joseph Ryder,	70	5	12	Paresis,	George and Mary.
" 28,	Samuel Talbot,	88	2	14	Old Age,	Jonathan and Hannah Harvey. Died
Oct. 5,	Marcia T. Gilpin,	74	9	29	Recorded in Rockland,	Eliab and Persis. [in Rockland.
" 6,	Lemuel R. Wood,	64	5	5	Apoplexy,	Curtis and Sue T.
" 6,	Henry K. Holmes,	5	7	8	Obstruction of Bowels,	Thomas H. Died in South Boston.
" 7,	Alice Atwood,	—	—	1	Premature Birth,	Thomas H. Died in South Boston.
" 7,	Frank Atwood,	—	—	1	Premature Birth,	Moses N. and Deborah H.
" 9,	Almeda M. Pierce,	37	—	23	Consumption,	Daniel and Jane Carlin.
" 10,	Mary Ann McGill,	82	—	—	Exhaustion,	John and Sarah. Died in Boston.
" 11,	Tisdale S. White,	74	—	—	Heart Disease,	David and Sally. Died in Somerville.
" 17,	David Warren,	81	2	21	Old Age,	Anthony and Susan T. [Hyannis.
" 19,	Gertrude Atwood,	2	3	21	Convulsions,	Samuel and Louisa Swift. Died in
" 20,	Rebecca Burrill,	22	—	—	Consumption,	Daniel and Sally Churchill.
" 21,	Sally C. Weston,	83	2	21	Malignant Disease,	

Oct.	21,	Benjamin Harvey,	73	2	21	Cerebral Apoplexy,	Richard and Sarah R.
"	25,	Perry M. Rickard,	50	9	25	Diabetes,	Elijah and Lucy. [in Duxbury.
"	28,	Ruth J. Turner,	76	4	4	Recorded in Duxbury,	Joseph and Althea Freeman. Died
Nov.	2,	Barlett Ellis,	88	2	7	Inflammation of Liver,	Nathaniel and Jane.
"	6,	John Vito.	27	4	13	Meningitis,	
"	9,	Fred Albert Erickson,	—	6	19	Cholera Infantum.	John and Annie.
"	10,	Sylvanus D. Chase,	77	2	—	Old Age,	Consider and Hannah.
"	11,	— Goddard,	—	2	—	Premature Birth,	Frank and Fannie.
"	15,	Adoniram Judson Holmes,	68	3	6	Inflammation of Bowels,	Joseph and Esther. [delphia.
"	16,	Henry Morey,	50	7	19	Softening of Brain,	William and Mary. Died in Phila-
"	17,	Arthur Lewis White,	—	5	1	Spasm,	Paschal and Sarah A.
"	17,	George Francis Ellis,	51	1	—	Congestion of Lungs,	Bartlett and Hannah J. [Charlestown.
"	17,	Mary Jane Mayo,	72	9	5	Apoplexy,	Thomas and Jane Hodgkins. Died in
"	22,	Mary P. Bradford,	58	9	5	Burning,	Charles and Bethia Delano. Died in
"	28,	Sarah Thomas,	85	11	12	Old Age,	Eohraim and Sarah Everson. [Kingston.
"	29,	Henrietta H. Weston,	68	5	15	Heart Disease,	Thomas and Mercy Holmes.
Dec.	2,	Lemuel Leach,	78	8	11	Enlargement of Heart,	Lemuel and Susanna.
"	6,	Lemuel B. Faunce,	72	3	18	Unknown,	Solomon and Ellen.
"	6,	Helena Willis Leach,	4	4	—	Consumption,	Plineas and Helena. Died in Boston,
"	7,	Mary E. Pierce,	75	—	7	Exhaustion,	James and Mary F. Kendrick.
"	10,	Lydia T. Rogers,	78	6	18	General Debility,	Perez and Lydia Pool.
"	11,	Amelia Wiese,	53	—	1	Valvular Disease of Heart,	Ezra S. and Susan S. Died in Mont-
"	11,	Arabella W. Goodwin,	19	4	—	Phthisis Pulmonalis,	clair, N. J. Died in Mont-
"	17,	Joshua Wright,	73	4	17	Old Age,	Joseph and Lucy.
"	19,	William Ryan,	73	—	—	Paralysis,	Timothy and Mary.
"	22,	Thomas C. Atwood,	68	8	—	Probably Apoplexy,	William and Temperance. (ington.Mc.
"	23,	Mary Oliver Faunce,	72	3	7	Typhoid Fever,	Nathl and Sally Harlow. Died in Wash-
"	23,	Maria Muti,	1	4	22	Hydrocephalus,	Dominico and Artemigia.
"	25,	Angeline Dunham,	43	11	—	Phthisis Pulmonalis,	Truman and Mercy Bartlett. Died in
"	27,	Ichabod Dean,	83	3	23	Consumption,	Ichabod and Eleanor. [So. Boston.
"	28,	Edward N. Westgate,	20	2	—	Phthisis,	Edward W. and Emma M.

## SUMMARY.

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The following are the statistics of births, marriages and deaths registered in Plymouth for the year ending December 31, 1883:

### *BIRTHS.*

Number of births registered in 1883.....	140
Females.....	72
Males.....	68

The parentage of the children is as follows:

Both parents American.....	96
“    “    British Provinces.....	9
“    “    Germany.....	4
“    “    England.....	2
“    “    Sweden.....	2
“    “    Scotland.....	1
Mixed, one parent American.....	18
“    other nationalities.....	4
Unknown.....	4

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### *MARRIAGES.*

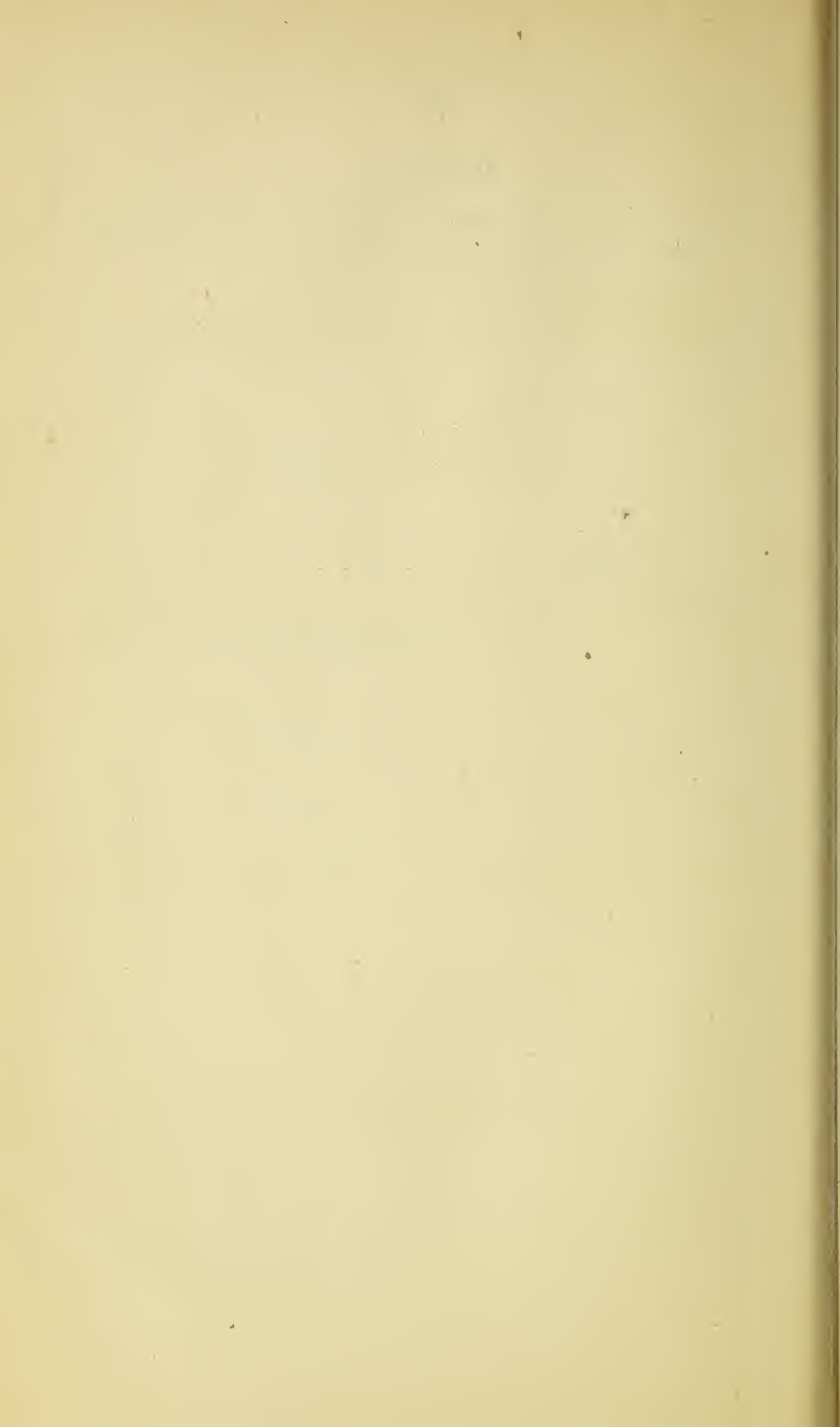
Number of marriages registered in 1883.....	90
Both parties born in United States.....	64
“    “    “    British Provinces.....	4
“    “    “    Germany.....	4
“    “    “    Norway.....	1
“    “    “    Western Islands.....	1
Mixed, one American.....	15
“    other nationalities.....	1

*DEATHS.*

Number of deaths registered in Plymouth in 1883, one hundred and forty-nine, thirty-eight of which occurred out of town and were brought to Plymouth for burial.

Males.....	76
Females.....	73
Born in United States.....	134
"    Ireland.....	7
"    British Provinces.....	3
"    Italy.....	2
"    Germany.....	1
"    England.....	1
Unknown.....	1

CURTIS DAVIE, *Town Clerk.*



# ANNUAL REPORT

—OF THE—

## SCHOOL COMMITTEE

—AND—

## SUPERINTENDENT OF SCHOOLS

**FOR THE YEAR**

◇1883.◇



## SCHOOL COMMITTEE.

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FREDERICK N. KNAPP,  
CHARLES B. STODDARD,  
JAMES D. THURBER,  
NATHANIEL MORTON,  
PHEBE R. CLIFFORD,  
CHARLES I. LITCHFIELD.

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CHAIRMAN—FREDERICK N. KNAPP.  
SECRETARY—PHEBE R. CLIFFORD.

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SUPERINTENDENT OF SCHOOLS—T. D. ADAMS.

# SCHOOL REPORT

For the Year Ending December 31, 1883.

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The condition of the schools has improved during the past year. The establishment of a new Grammar School in the north part of the Town has proved a great relief to the other two Central Grammar Schools, as well as a great accommodation to the inhabitants of the northern section. The building which has been put up for this school is well located, lighted, and ventilated ; and the cost of its erection was less than the sum appropriated for it.

For several years the High School has labored under a serious disadvantage, in being obliged to have its Composition work attended to by a person outside the school-room. This arrangement was made, because it was impossible for three teachers to attend to all the other branches as demanded by a High School course, and give time to the Composition work also. Moreover, as the present accommodations in the High School building furnished no place for a third assistant, and there was constantly a hope that a new building would be erected, with more class rooms, this outside help was,

year by year, unwillingly continued, as a temporary relief. But the defects of this arrangement are so obvious, and the need of an additional assistant is so clearly seen, if we would do our duty to the scholars of that school, that we feel called upon to delay action no longer.

To this end, another recitation room must be provided, and if the Town does not make an appropriation for a new building, or for remodelling and enlarging the present one, so as to suitably accommodate the schools now there, we shall request that an appropriation of one thousand dollars be made for adding a new recitation room, and for securing an additional air space in the High School room.

The additional assistant thus provided for would not only take charge of the Composition work, but would also give regular instruction in Rhetoric and in Declamation. In other branches, also, where the classes are now so large as to render thorough teaching almost impossible, (some of them numbering over fifty pupils,) the new assistant could divide the classes, to the decided benefit of the scholars.

Each year the value of Music and of Drawing in the schools is made more evident. On the part of the scholars, there is a marked and an increasing interest in both these branches.

In June last, a Superintendent of Schools was appointed, Mr. T. D. Adams, to supply the place made vacant by the resignation of Mr. Burton.

The report of Mr. Adams, as Superintendent, is appended.

The place of assistant in the High School, made vacant by the resignation of Miss Bartlett, is filled by Miss Bean, a teacher of large experience.

The new "Course of Study" for the High School, introduced last year, seems so far to work well; with a third assistant, it can be so altered as to embrace Rhetoric and Declamation, and to give more time to "Practical Science and Inventions" and to "News of the Day."

This course was merely on trial last year, but it has now been adopted by the Committee. Its peculiar advantage over the old course consists in giving an opportunity for a more thorough study of Arithmetic, and for its practical application; as also for the study of those sciences which refer to practical arts and trades. The course is designed, in one of its divisions, to meet the wants of those who desire a broader education, but cannot give the time for pursuing a four years' course. It is also designed to meet the needs of those scholars who are looking forward to entering upon some trade or business.

The programme of studies was printed in full in last year's report; we will merely state again that the English Course and the Classical each covers four years, while the Short Practical Course is completed in two years. Any pupil who honorably finishes any one of these courses will be considered a graduate of the High School, and will be entitled to a diploma designating the course pursued.

We recommend that \$20,500 be raised for schools for the current year, with \$1,000 for additional accommodations in the High School-house.

### *SCHOOL DEPARTMENT.*

#### \* RECEIPTS.

Appropriation .....	\$19,500 00
Appropriation for special repairs .....	1,000 00
Massachusetts School Fund.....	232 24
Dog Fund .....	303 70
Sale of books .....	1,509 01
Sundries.....	23 00
	<hr/> \$22,567 95

#### EXPENDITURES.

Teachers, superintendence, and music...	\$15,882 00
Books and apparatus, and express charges,	2,086 48
Repairs and supplies, including \$1,000 for special repairs.....	2,545 88
Fuel.....	960 42
Care of buildings.....	685 11
Tuition at Wareham .....	20 00
Truant officer.....	120 00
Transportation of scholars to Ellisville..	32 00
Rent of school-room.....	153 87
Horse hire.....	69 25
Travelling expenses.....	18 88
Printing .....	121 70
Rent of Davis and Lyceum Halls.....	59 00
Incidentals.....	59 11
	<hr/> \$22,813 70
Overdrawn.....	<hr/> \$245 75

## AMOUNT AUTHORIZED.

For new Grammar School-house..... \$4,000 00

## EXPENDITURES.

Cost of land..... \$500 00

Cost of building, grading, and furniture, 3,225 39

————— \$3,725 39

Undrawn..... \$274 61

FREDERICK N. KNAPP,  
CHARLES B. STODDARD,  
JAMES D. THURBER,  
NATHANIEL MORTON,  
PHEBE R. CLIFFORD,  
CHARLES H. LITCHFIELD, }

*School  
Committee.*



## SUPERINTENDENT'S REPORT.

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TO THE SCHOOL COMMITTEE OF PLYMOUTH :

In submitting a report of the public schools in this Town, I do not forget that my experience here is limited to about five months of service.

While the time has been sufficiently long for gaining an acquaintance with the schools, it has not been so long that I have become prejudiced by any opinion which may have been expressed. I have rather avoided floating opinion, preferring to form my own conclusions from facts which would naturally come to my notice.

A few things, at the outset, may be assumed ; and first, that every wise community desires the best school system which it can have. If we go into the prairies of the West, where cities spring up as by magic, we find a demand for the best ; they are anxious to pay for the best, and they tax themselves for the best. In some of our New England communities, where the real age of the town is about co-equal with that of the railroad passing through it, we find the same imperious demand. Many towns and cities in this state owe a marvelous





## CORRIGENDA.

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Having had no opportunity of reading and correcting the proof sheets of the following report, I here insert corrections of sundry words which ought to conform with my manuscript :

In line 10, page 87, for descendents, read *descendants*.

In line 21, page 90, for educationalists, read educationists.

In line 17, page 95, for gems, read germs.

T. D. ADAMS.

prosperity to their generous response to such demands. They have learned the important fact, that the best investment of money is in taxes well expended for public education. Where this interest leads, other forms of prosperity are sure to follow.

Plymouth is a town of sacred memories. The free school was among the thoughts of her brave settlers who dared everything for the cause of God and humanity. Surely, it were not an unreasonable ambition that their descendents should demand and secure the best, and thus keep in line with historic renown. Where nature has done so much, where art has done something, where the muse has written *such* a story, the world has a right to look for a center of wealth and refinement growing out of educational facilities. Again, it may be assumed that no community has a system of education which cannot be improved; that a forethoughtful people will be ready to learn the faults of their system and to hear suggestions for its improvement. Standing upon these assumptions, I choose to speak freely what seems to me the truth, leaving the results to take care of themselves.

It is with unfeigned pleasure that I express my thanks for uniform courtesy received at the hands of this Board. The complicated work of public education has been discussed with a degree of fairness and intelligence worthy of all praise. It is not to be supposed that in such concerns, every proposition will receive instantaneous assent. It is only through the careful consideration of differences that real progress can be made, I

have been pleased with the readiness of the Board to provide for the common wants of the school-room. The result is a fair supply of the simpler, but much needed aids in school work ; maps in geography, blocks and other apparatus for teaching reading, number and form. These are among the tools of the trade and a good teacher is readily known by a skillful use of them. A few professional books have also been purchased, by direction of the Board, for the special use of teachers. These are distributed and cannot fail to do good. Never before were the prerequisites of high qualifications and professional knowledge so positive as now.

The present incumbent of this office desires only the reasonable conditions of success. These conditions, it is for the interest of all to grant ; without them, neither a successful Superintendency, nor a truly successful school system is a possible thing. There should be no blind adherence to any policy or experiment which does not work for the greatest common good. It is only a liberal policy which can bring good results. Education is now so reduced to a science that nothing can be trusted to luck. A good school system will cost something anywhere. The question for the people here, as elsewhere, is, do they want it enough to pay for it ? Nothing fixes the reputation of a community more surely than its response to this question.

I now offer a few thoughts upon some of the branches legally required in common schools.

## READING.

This requires great skill in the teacher. The methods in the elementary work of reading, the word and the phonetic combined, are quite generally understood. The process of learning to read is not very long with the average child; and when the work is done, the method is of very little consequence.

The second stage of the work is more difficult, and it is here that many teachers fail. They do not know the principles of the art. There are two kinds of reading to be taught. The first is taking into the mind the thought of the author as expressed on the printed page; this is called sight-reading, thought-reading, or "reading to one's self."

Its importance cannot be exaggerated, for it is by this process that the greater part of knowledge is to come, both to the young and to the adult mind.

To read and gather thoughts with rapidity is an acquirement of great value. To this end scarcely anything is a greater help than supplementary reading.

Teachers are urged to devote one-half the time given to the branch, to this kind of reading. This is nothing new; it was practised years and years ago in many excellent schools. But when, a short time since, it was urged as a general method of instruction, it was thought that it would be attended with considerable expense, and that it would furnish a large field for the author and publisher. The work can be far more simply, cheaply and just as effectually done,



For grammar and intermediate schools, the *good* family newspaper,—like those published weekly in our town,—can be made to serve a good purpose in this work. The skillful teacher will understand how to use it. As it passes from hand to hand, every pupil reading a short paragraph, while all the rest are required to listen, a double object is gained, since it is not a small thing in education to become a good listener. Another means of aiding in this work is in the home. The Sunday-schools are now generally furnished with excellent reading matter for children. It is always noticeable that those children who attend the Sunday-school and take home appropriate books find very little difficulty in learning to read.

The second kind of reading is, the giving out of the thought to the hearer,—oral reading ; and I believe that to be the best which so gives it to the listener that it requires the least effort on his part to understand it. This kind of reading requires training of the vocal organs. It is sometimes called elocutionary drill. We have a class of educationalists who affect to despise this kind of work ; who warn us against sacrificing sense to sound. The truth is that correct elocution sacrifices nothing which ought to be preserved. It simply helps convey the thought. It is precisely this,—which the *e-loquor* means,—to speak out. To speak out what ? The author's meaning, of course. To say that training the vocal organs does not help make a good reader, is to deny, not only the experience of the greatest orators of the world, but to deny our own experience as to the value of practice in

other things. We cannot afford to set a premium on stupidity of manners in a public speaker ; for the time will never come when the human ear will not be pleased with the well trained voice in its expression of thought. So long as public bodies are to be addressed, and American youth are preparing to address them, we cannot afford to discard the grand old extracts from Webster and Everett, and require our pupils to sit down to the milk-sop of " Jack and the Bean-Stalk." This vocal training should be continued through all the years of educational life. In every school, as high as a grammar grade, there should be the fixed hour for platform work, in which the pupils may speak extracts from the best masters of our language, and learn to deliver their own prepared thoughts with what skill and grace they can command, before the audience of the school.

## WRITING.

This is surely one of the useful arts. A great degree of attention is given to it in all the schools of the town. The success is marked. There is room for discussion as to the value of writing from copies for any length of time. The tendency of such practice is to obliterate all differences in handwriting. Nature has set up her own visible distinctions among us. These are seen in face, figure, countenance, expression, voice, and handwriting ; the last not least. It were a misfortune for one person to look just like another. This difference in handwriting is a wondrous provision of nature in view of the sanctity of written obligations. Like other marks of identity, it



has, thousands of times, gone into the court of justice as the sole element to settle a dispute. This means of evidence should not be destroyed, if it were possible. But, that we cannot easily outwit nature in this matter is seen in the fact that, as soon as the pupil graduates from the school he falls back upon some ideal of his own, which soon becomes distinctive in spite of previous training.

But it is doubtless well to write from the copy for a few years. Every child has serious obstacles to overcome. There are general forms which every hand must learn ; the stiff and crooked fingers and the hard grip must be relaxed ; awkwardness of position must be corrected. But, when all this is done, and the pupil has acquired a free and easy movement of the hand, he should leave the copy and be himself again.

### ARITHMETIC.

This may be truly called the exact science of the common school. It must be exact or nothing. In teaching this branch the wants of life must ever be kept in mind. Two things must be sought ; exactness and rapidity. These combined make the practical arithmetician. Said a lumber merchant, " I am paying my men a dollar a day for service, I would gladly pay them two dollars a day, if I could trust them to do the work which I need to have done. Most boys, who graduate from the schools, cannot measure a stick of timber, much less a pile of lumber, and the few who can, take so much time that I find it cheaper to do it all myself." Now what is the remedy for this fault of common scholarship ?

One says that the pupils in the schools never become sufficiently familiar with the simple rules; especially addition and multiplication; the advice is to keep them a much longer time in primary drill. But this may be no remedy. The difficulty is in the teacher's treatment of the pupil's mind. It is not in the ignorance of the pupil. These combinations are simple; it takes but little time to learn them; once learned, they are always learned; he knows them just as well when first learned as after a lifetime of practice. How long, now, does it take him to think them out and use them?

This is the practical question which settles the measure of his usefulness with the business man. In this lies the fact whether he is worth two dollars or only one to his employer.

It is his quickness as well as exactness in the solution of the numberless little questions in mercantile life which makes him of value. A great deal is said about the *practical* study of arithmetic, while it is worth far more for something else than for all the practicalness claimed for it. The fact is that a comparatively small part of arithmetic is practical in the usual meaning of that word. We ask the business man to look on his books: he tells us that the work of simple addition is ten times as great as all other processes put together. Here, then, is a truth for the teacher, that simple addition is the most practical rule in business education. We look a little farther and find that a very few figures make the difficulty. Most people can add readily the first five

digits ; but it is six, seven, eight, and nine that puzzle them. It is here that we find the counting of fingers, the making of pen marks and other devices for hobbling through the harder digits.

Here, then, we have the inference that an important part of the teacher's work in arithmetic is in the treatment of these figures. When the same readiness is acquired in the addition of these, that we may find in adding the preceding five, a very great work in practical arithmetic is accomplished. This can be done by daily practice, in mental operations involving these higher digits. In addition to this a great deal of work should be presented to the eye, upon the slate and blackboard. In all cases the idea of rapidity as well as correctness should be kept in view ; test examples in the addition of long columns of figures should be frequent. The same idea of rapidity should run through all the ground rules, and, in fact, all arithmetical calculations.

Were half the time now given to the slow and plodding work of solving "Miscellaneous Problems" devoted to this kind of exercise, the business man would complain less, and the common school boy would redeem himself through the ready application of his knowledge to the common transactions of business.

I have spoken somewhat at length upon these three branches, imperatively required by Statute, not so much to outline what is done in our schools, as what ought to be done in common schools everywhere. I would have it inferred that great excellence in them all is desired.

I cannot leave this review of studies without a brief reference to some of those more recently introduced into public schools.

### D R A W I N G .

This branch has become almost universal as an educational factor, and has made a good beginning in the schools of this town. In some of them the proficiency is quite marked. But at present there is a lack of uniformity in method, and the success of the pupil must depend largely upon the natural ability, and also upon the encouragement of the teacher. It cannot be expected that this study will come to its best possible results without a special director. This is a branch in which poor work is better than nothing ; for wherever the soul is struggling to give out its thought in some pictorial form of expression, it should be allowed its deliverance ; rough and rude though it be, it is no more so than were the gems of the highest art which has ever graced the world.

A friendly criticism may be passed upon the method here employed in that it is confined too exclusively to ornamental designing. While this is valuable, it is only a part of the great work. Nature has spread her beauties around us with lavish hand. There is not a soul endowed with the sense of sight, and in which there is a spark of love for the beautiful, but sometimes craves the power of making its own transcript of these scenes. In the true order of development, it appears to me, that drawing from objects, or sketching from nature, precedes designing just as the object precedes the thought.

## MUSIC.

Here, again, we have a comparatively new branch of study. It has made good progress in our schools, for the time it has been taught.

Music as an educational force has been but poorly understood in this country. It has received but very little help, only a patronizing assent from our leading educators. That they have not understood its meaning is not so much their fault as that of the generation or the schools in which they were reared. The work has been largely done by the daily teachers in the schools. Considering this fact, its progress has been marked, even singular. Were its philosophical relations to other branches better known ; were it understood that the pupil would become a better scholar in everything else, a better reader, arithmetician, rhetorician, linguist, through proper musical instruction, there can be no doubt that ampler provision would be made for it in public education.

When Goethe said that "Level roads run out from music in all directions," he knew what he was talking about. As a result of such thinking a few generations ago, we find that musical education, among public men and diplomatists in the old countries, is as much the rule as the reverse is with us.

Instruction in this branch should be based upon the fact that the musical faculty is implanted in the soul of every child ; that, in nothing has Nature been more impartial, than in the distribution of this gift ; that



without cultivation, this faculty may become dormant and at length dead, as it often is in adult years ; that it is as much a disciplinary study as any other in the school-room, disciplinary of body, mind and character ; that it should ever be made a medium of thought, the soul's thought which is so often better than the mind's thought. But it should be tempered with all prudence to the age and strength of the child. When properly conducted it is the most fatiguing work in the school. It is exercise of body and mind. Singing continuously and with full voice for a single hour will produce as much fatigue as a day's work in the field. Success in this study will depend very much upon the local teacher. If he or she be alive to the importance of the work, giving it the heartiest indorsement, enforcing the right conditions, among which are order and attention, then it will be a success. If the teacher be indifferent, so will be the school. The exercise being conducted in concert, opportunity will often be sought by the indolent to shirk their duties, while the ill-tempered boy or girl will be quite sure to reveal some bad traits of character. The branch, hereafter, ought to be made one of the rigid tests for promotion. When the best use is made of this divine faculty as an educational power, we may find truth in the remark of a wise philosopher, who said : "Let me hear the songs of a nation, and I will tell you its character."

## L A N G U A ' G E .

In no department of instruction has there been more persistent experimenting, of late years, than in language. It is to be regretted that it has not always been successful. But we have a single outcome which is worth all the cost, in the method of teaching language to young children ; it is that language can best be learned by using it. Instruction is adapted to the age and growth of the mind. At first it is the language of description. This is the special field of mental activity for the child up to the age of ten or twelve years. It is during this period that the mind is suited to the study of forms. Much of the pupil's work should be in writing.

Next we see a growth of the reasoning power. Language instruction should now become more inclusive, to suit the wants of the growing mind, which like the body needs stronger nourishment. The different branches of study are now made to yield their mental equivalents requiring the language of reason. From twelve to fifteen is the time for the pupil to learn to talk. Thus we cover the two great fields of intellectual expression. If we ask what mankind are doing most at this moment, or at any moment, the answer is talking. This should be a sufficient hint to the teacher, that the pupil must do his own talking. The interminable, categorical questioning by the teacher, and monosyllabic answering by the pupil are among the distressing features of school life. A language lesson from everything will be the demand of every good teacher. Scarcely any branch in school



work will yield a better result in this direction than arithmetic, as the pupil explains the reasons of his problem on the blackboard. This kind of work is urged upon all teachers. It is somewhat practiced in the schools, and notably, with admirable success in two or three of the remote ones of the town. With these methods of recitation common English may be well learned before the pupil leaves the Grammar School.

Now for the study of the higher English, give us a full measure of the old mother tongues. The man who talks about the fetich of Greek, is very likely the one who would not omit that study from the liberal education of his own son. What is it to study English? Is it to run to the lexicographer and take everything on trust? No, but it is when the student goes back to the elements of the language himself and does his own original work. It matters not whether there be one word, or ten words, in a hundred derived from the Greek; it is the study of the perfect model which we want. We place the head of Venus de Medici, or Milo, before the young artist, and why? Because it is admitted to be the highest expression of beauty on the one hand, or of dignity on the other, which the human mind has ever conceived. They will stand as models until something else appears, confessedly better. Just as much does the student need the perfect model in language; and just as long as there is good language teaching, just so long will there be minds among our youth—to the great credit of human nature—which will love the beauties of this grand old classic tongue. The

fetich mongers may rest assured that Sanscrit is coming in, faster than Greek is going out.

I will now speak of some of the hindrances to success in this school system.

### ABSENCE AND TRUANCY.

These are among the alarming vices in our public schools. In looking over the registers I find that the amount of absence for the year has been quite large. Good reasons for this state of things are very rare. Cold and sickness sometimes thin the ranks of school in the Winter term. But for truancy there can be no just reason. I am convinced that the causes of these vices are only of the very worst ; that there are many children under no restraint at home, and who are impatient of restraint at school. Whether they attend school at all, depends upon their own will. I learn these facts in their homes and from their own parents. Now, the important fact is, that such children are getting an education *somewhere*. Shall it be in the street? It is for such parents and the community to answer. The tremendous responsibility, resting upon both alike, may be defined, by and by, in unmistakable measure.

Truant children are among the dangerous classes in community. What class will furnish the criminals of the next fifteen years? Who must suffer? Who must pay the costs of Courts, of arrests, of trials, of imprisonment, of jails and keepers? The theory of government is, that the State has a right to the subject. There is the germ of compulsion in the best code of laws. We live and

act upon this theory. The State has a right to defend itself against the crimes of ignorance. This is a bottom principle, and upon this we build. We levy a legitimate and constitutional tax for the common safety. But the tax payer has a right to demand that there shall be no unreasonable waste of his money. In this foremost state, some portion of educational money is lost in this way. Wherefore is the waste made? The people of Plymouth need no longer be troubled with truancy, if they will but simply conform to the letter and spirit of the law.

Another hindrance, of which I will speak, is that of insufficient

#### GRADING.

This generally arises from lack of facilities, rooms and teachers. It results in waste of time and money. The fault is quite common and seems to be on the increase. The schools on Spring and School Streets ought to be graded without delay, so that one shall be exclusively primary and the other sub-primary. They now have the worst possible mixture of grades; no teacher can do justice to either one. While the primary class is intelligent and able to appreciate instruction, the sub-primary should be taught and governed more by Kindergarten methods. The lower grade is a thoroughly demoralizing element of the school. There is no reason why these schools should not be properly graded. They are but a few rods apart, and the matter of distance need not be considered at all. This is generally a very weak argu-

ment, for it is noticeable that children will run upon business and errands, and in their sports, many times the distance complained of in going to school, and without any harm. Probably, if a great majority of the children were obliged to go twice as far as they now do to school, it would be better for them. The same necessity of grading exists in the Oak Street Primary School.

The next point for correction is between the second and third grades. Here the policy has, for a long time, been shifting ; it might be called worse. Two years ago, it was two third grades and three second grades ; last year it was three third grades and two second grades ; now it is two third grades and three second grades again. Next year it is plain that the order must be reversed once more, unless something better is done. This, in my view, is wrong ; the remedy is very simple ; three schools of each grade should be permanently established. This would require another teacher and another room.

The next step, in this matter of grading, should be the establishment of a first Grammar School, to which the present Grammar Schools would be feeders. This would be a great change, but I feel sure that nothing is more needed in this school system. Just here, I would suggest and recommend a change of names for some of the schools. Nobody outside of Plymouth knows what is meant by second and third grade schools. They are terms of designation not used anywhere else to my knowledge. It would seem better to have names commonly understood. With the grades outlined above,

and the change of names indicated, the series would stand as follows: sub-Primary, Second Primary, First Primary, Second Intermediate, First Intermediate, Second Grammar, First Grammar and High School.

I now offer a few thoughts upon the last named school as it would be affected by the proposed grading.

At the close of last term, about fifty-five scholars entered the High School. They were generally very young, some of them but eleven years old. It is plain that children of that age are not sufficiently mature to bear and appreciate the rigorous course of instruction in the average high school.

Here, then, is a grammar school in age, numbers, and qualifications. They are prepared only for grammar school work, which they ought to continue in a separate school for, at least, another year. But now they enter the High School and take their grammar work with them. One of two things must be true. Either these pupils must work against great odds, in a high school course, or they must, to some extent, drag down the school to their level. These common branches should be completed in the Grammar School. The arithmetic, especially, should never cross the threshold of the High School, except in occasional reviews in the latter part of the course. The pupil should begin the algebra, Latin, and higher English immediately upon entering the High School.

But this feature is not the worst. We now find about a hundred and sixty scholars in the High School,



taught by three teachers. Every practical educator knows that it is impossible for that number of teachers to do anything like justice to that number of scholars in a high school. The result must be a considerable loss of time and money, and a practical defeat of some of the legal requirements of a high school. The work must be so thinly spread over the course that the best results cannot be reached in anything. In looking at the schedule of work, we find but two or three recitations a week in the important branches of algebra, geometry, and Latin, while no time can be found for Greek. It is well understood in schools, where preparation for college is one important requirement, that at least four recitations a week should be required in every one of the aforesaid branches, and still another in the languages, in the form of prose composition. In long and frequent intervals between recitations, the mind loses its hold upon the subject and, consequently, loses interest.

I am not prepared to admit that nobody wants such work done. It should be wanted ; and it will be wanted when the facilities are offered and the right encouragements are given. The statute, of long standing, assumes that it is wanted in every town of four thousand inhabitants. I will not believe that, in any New England community of seven thousand souls, there are no families and no young people ambitious for a higher education than that attainable in the public schools.

But leaving this view, we find that other important work is suffering. English composition is an essential



feature in all high schools. Elsewhere this work is invariably conducted by the teachers of the school, who are in daily presence of the scholars, hearing them in recitation, and knowing their habits of mind and thought. Never before have I known it to be done in any other way. But here it has been, for a considerable time, assigned to some third party not connected with the school.

At the present time it is imposed upon the Superintendent, thus incumbering his hands with a kind of work wholly incompatible with his general duties. In view of the fact that the territory of the town is very large, necessitating a carriage ride of thirty miles a day to visit a particular school, and that he has the entire charge of vocal music in the schools, it would seem to be poor economy to oblige him to spend one and a half days of the week in reading and correcting school compositions, when the work, if it must be done in this way, might be done by somebody whose time is less occupied, some graduate of the school, at a trifling expense. I do not know of another such combination of work, and do not believe that it exists anywhere else in the country. But the work cannot be well done in this way by anybody. There should be a radical change. With the establishment of a first Grammar department, as before mentioned, this surface work of sentence building, so important in English composition, including form of expression, grammar, spelling, capitalizing, and pointing, might be largely done before the pupil enters the

High School. It certainly ought not to be carried, as an exclusive specialty, beyond the middle of the high school course. There should then be a change of method. The pupil should then, with rhetoric in hand, come face to face with the teacher two or three times a week, as in other recitation work, for the purpose of studying the deeper mysteries of the language, invention, style, harmony, a knowledge of which is indispensable to a thorough understanding of English.

No thoughtful mind will deny that this kind of work ought to be done in an English course. At present, it cannot be done, through lack of teachers and other important facilities.

The New England High School has two well defined purposes. The first is to give all young people the opportunity of a higher education than is required for the common wants of life. Every community has need of such a class. They become the eyes, ears, and careful thinkers of the State.

The next purpose is to prepare young people for college. This is a matter of great importance to a community as soon as its youth are assembled in a High School. It is here the final choice of the pupil is to be made, whether he will go far on, or stop quite short. A great responsibility rests upon the teacher from the moment these relations of High School life begin. He is an intellectual and moral guardian, and one of his first duties is to see what nature has done for the child. Every observant teacher will find in any hundred

pupils thus assembled a goodly number of gifted minds, marked by a love of learning, a taste for study, an ambition for self-culture, an adaptation for scholarship. School life is not a dead level. Nature has thrown in these shining lights. We know not why ; it is no business of ours. Omniscience sets a seal upon such foreheads and seems to say, "Here I give five talents and there ten ; see that they are returned with interest." The teacher is often the first to learn the strong points of a pupil's character. Not seldom is a career of honor and usefulness opened before a young man of which he would not have dreamed had it not been for the inspiring touch of some master mind in the school. Thus the whole drift of thought in a family is changed ; new thoughts, aspirations and hopes arise ; new plans are laid. There is not a town, of four thousand inhabitants in New England, in which such families and such children are not living.

If the foregoing remarks are just, the question of supply should be met without delay. I can see how two additional teachers could be usefully employed in that school. But, in default of enough, it is my duty to say that one more teacher, of high qualifications should be employed at once. A new and rather distinct department might then be formed. This should embrace history, English literature, including rhetoric and composition, elocution and all platform work desirable in these times for training young people to the more or less public duties of life. Such teacher should be an expert

in the classical languages ; for while the requirements of admission to college are increasingly exacting, I claim that no teacher can do the best work in a higher English department who is not a thorough student in these ancient tongues.

This brings me to a want which must stare everybody in the face. The present high school building is but poorly adapted to the wants of so large a town. The facts connected with it are so patent that I shall waste very few words over it. I do not know of its inferior anywhere. No stranger would say that it was a credit to the people ; it is a dangerous building ; it is a matter of surprise that the patrons of the school do not fear for the health of their children. There is not a solid hour of the year in which the air of any room in the building is fit to breathe ; hot and stifling, or cold from drafts, surcharged with poisonous gases, it can hardly be doubted that the germs of disease are springing up which may prove incurable later in life.

Again, such a tinder box is the building, that were a fire to start, with the aid of a strong east wind, in one of the narrow, crooked stairways, the means of exit for pupils in the westerly recitation room would be pretty poor. True, they might have recourse to the windows, at the risk of neck and life.

There are now three hundred pupils in the building, and not a cheerful, healthful, comfortable, or convenient room ! It is to be hoped that the citizens of Plymouth will not neglect this subject longer. There is no doubt

that other interests, very dear to them, will be seriously threatened within the next decade of years, unless there be some exhibition of enterprise in the way of public improvements. It is to be hoped that there will be no dispute about location ; but that there will be a generous concession of smaller privileges to the greater and common good. The present building, in my view, should be totally abandoned for all school purposes, and in its stead a new one built of suitable size to accommodate all the schools now located there, and which may be sufficient for a century to come.

I cannot close this report without a word upon the higher functions of education. The teacher who holds that mental training is the chief work of the school-room, is no true educator, and will make a lamentable failure. Character building is the only result which can satisfy the requirements of human nature. This is the most difficult part of the work, and where teachers most frequently fail. They are too prone to clip down their responsibilities to the little sphere of the school. Did they realize more their concurrent responsibilities with the parents, we should have grander results from the prodigious efforts now made to educate the young. We find now a spirit of irreverence ; a lack of true self respect ; of respect for others ; of respect for things and beings higher than those of earth ; a lack of propriety in conduct and manners on the street and in public places ; a singular lack in all these things, which did not so



plainly characterize the children and youth of a former generation.

There is no end to the duty of moral instruction in the public school. I care not by what name it is called, whether preaching or lecturing, as it sometimes is in derision, it should be the beginning, the middle, and the end of the great work.

Respectfully submitted,

T. D. ADAMS.



## STATISTICS.

SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrollment.	Average Membership.	Average Attendance.	Number between 8 and 14 years.
Green,	High School,	Charles Burton, Carrie E. Small, Lucia Bartlett, 25 weeks, Cynthia E. Merrill, 15 weeks,	\$1,500 700 437½ 243¾	150	136	128	45
Russell Street,	Grammar,	Aaron H. Cornish,	1,000	50	45	40	48
Green,	Grammar,	Seth S. Crocker,	1,000	50	42	40	34
North,	Grammar,	Charles F. Cole,	800	49	41	39	48
Chiltonville,	Grammar,	Elmer E. Sherman,	600	48	40	36	32
So. Plymouth,	Grammar,	Mary L. Holmes,	400	37	24	21	25
North,	Intermediate,	Helen F. Pierce,	380	55	49	43	53
Wellingsley,	Intermediate,	Addie F. Bartlett,	360	27	24	22	22
Russell Street,	Third Grade,	Emma Davee,	360	46	41	36	46
Green,	Third Grade,	Carrie I. Mace,	360	39	36	34	39
Russell Street,	Third Grade,	Alice F. Blanchard,	360	40	37	33	40
Russell Street,	Second Grade,	Augusta M. Morton,	320	65	59	53	62
Green,	Second Grade,	Mary A. Aldrich,	320	62	58	48	62
Cold Spring,	Primary,	Frances E. Hovey,	280	34	32	28	18
Cold Spring,	Sub-Primary,	May J. Ellis,	280	31	22	18	3
South Street,	Primary,	Ellen M. Douglass,	280	31	28	26	27
South Street,	Sub-Primary,	Judith C. Howland,	280	56	42	37	1
School Street,	Primary,	Priscilla Perkins,	280	57	48	44	17
Oak Grove,	Primary,	May H. Chandler,	280	55	38	35	6
North,	Primary,	Anna A. Jones,	280	49	43	37	45
North,	Sub-Primary,	Grace D. Chandler,	280	55	47	35	5
South Street,	Primary,	Jennie C. Whitten,	280	27	22	18	10
Spring Street,	Primary,	Nelia D. Burbank,	280	39	32	28	2
Spring Street,	Sub-Primary,	Mary A. Moning, One term,	\$6 per wk.	33	32	30	4
Cliff,	Primary,	Martha W. Whitmore,	260	30	25	22	12
Chiltonville,	Primary,	Susie F. Churchill,	260	32	25	22	17
Russell Mills,	Primary,	Mary A. Morton,	260	25	17	16	12
So. Plymouth,	Primary,	E. A. Ward,	260	33	24	22	22
South Pond,	Ungraded,	Katie W. Sampson,	260	29	25	24	13
Long Pond,	Ungraded,	Nellie F. Pierce,	260	19	14	13	9
Ellisville,	Ungraded,	Jennie H. Paty,	\$6½ per wk.	10	7	6	8
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	26	21	18	21
West District,	Ungraded,	Nellie M. Smith,	\$6 per wk.	6	6	5	
Gurnet,	Ungraded,	Myra C. Holmes,	\$6½ per wk.	3	3	3	1

Paid T. D. Adams for Superintending Schools, Instruction in Music, and Composition Work, one term of fifteen weeks, at the rate of \$1,500 a year, \$562.50.

*SUMMARY OF STATISTICS.*

Whole number of pupils in Public Schools .....	1,405
Average number belonging .....	1,185
Average attendance .....	1,040
Number between eight and fourteen years .....	809
Number over fifteen years .....	125
Number under five years .....	14
Months the schools were in session .....	10
Number of teachers in the schools .....	37
Number of teachers in Primary Department .....	15
Number of teachers in Intermediate Department .....	8
Number of teachers in Grammar Department .....	5
Number of teachers in Ungraded Schools .....	6
Number of teachers in High School .....	3

# ANNUAL REPORT

—OF THE—

TOWN OFFICERS

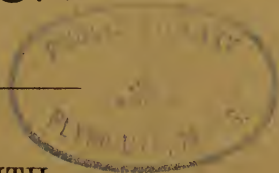
—OF THE—

# TOWN OF PLYMOUTH

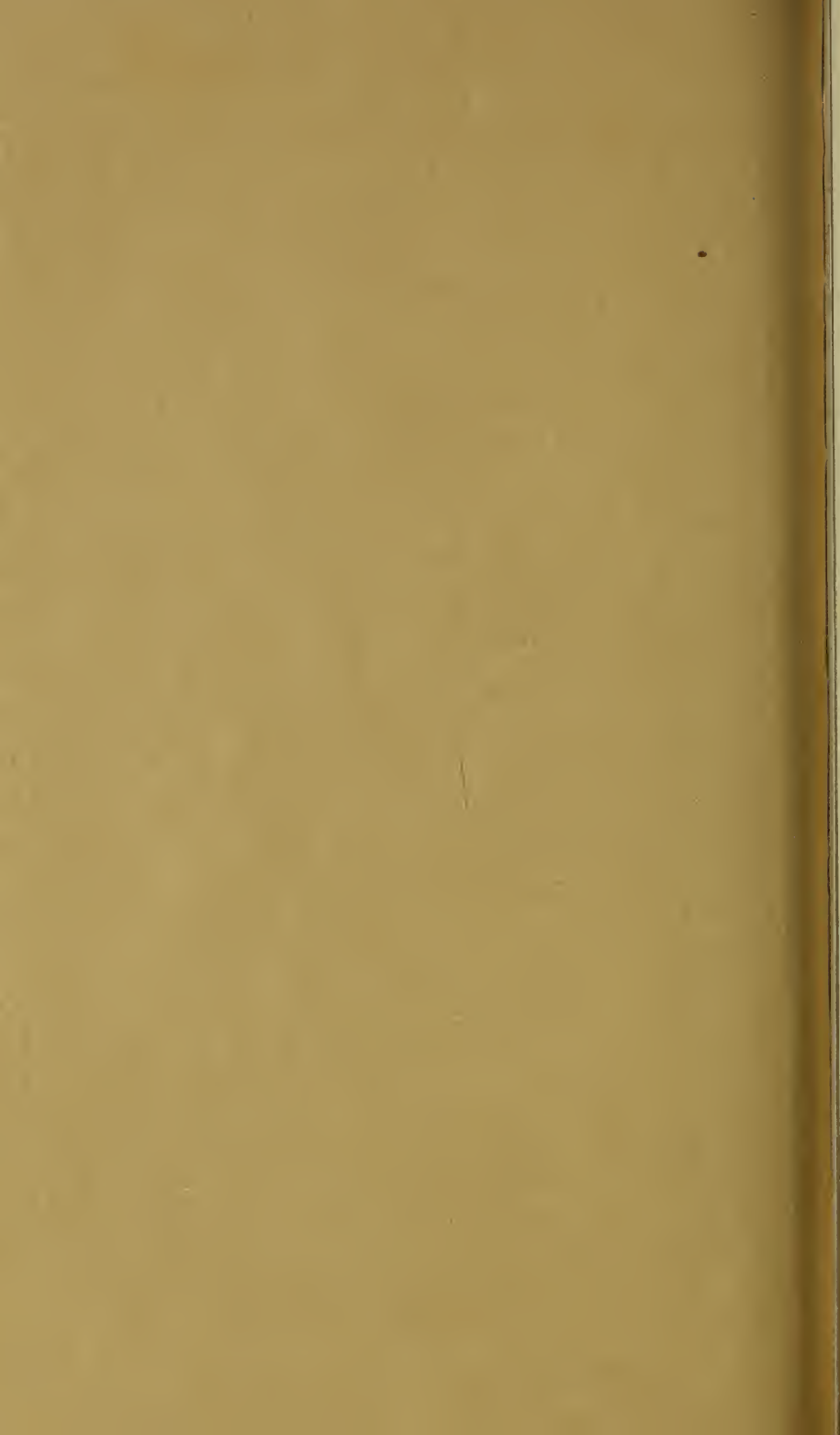
—FOR THE—

FINANCIAL YEAR ENDING JANUARY FIRST,

◇ 1885. ◇



PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1885.



# ANNUAL REPORT

—OF THE—

TOWN OFFICERS

—OF THE—

# TOWN OF PLYMOUTH

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# REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year eighteen hundred and eighty-four :

The Treasurer's books have been examined and found correct, and all payments properly vouched.

The Treasurer is charged for the year with :

Cash on hand, Jan. 1, 1884.....	\$15,079 13
---------------------------------	-------------

Cash from—

Trustees of Duxbury & Cohasset Railroad Sink- ing Fund .....	23,921 19
Loan from Plymouth Savings Bank.....	7,500 00
Loan from Plymouth Five Cents Savings Bank...	7,500 00
Transfer from abatement account.....	1,078 81
Dog fund from the County.....	587 57
School fund from the State.....	235 19
Sale of school books ... ..	607 28
Poor reimbursements.....	1,223 10
Water rents, labor and materials.....	13,842 13
Pedlers' licenses .....	13 00
Interest on Training Green fund.....	26 42
Interest from delinquent taxes .....	363 55
Dividend from Old Colony National Bank.....	400 00
Agawam and HalfWay Pond fishery .....	270 00
Rebate of interest on loans .....	8 61
Sale of lots in Vine Hills Cemetery.....	390 79
<i>Amount carried forward .....</i>	<i>\$73,046 77</i>

<i>Amount brought forward</i> .....	\$73,046 77
Road Department reimbursements.....	621 14
State aid refunded .....	1,827 50
National Bank tax from State of Massachusetts..	2,941 89
Corporation tax .....	7,347 22
Insane Poor reimbursements.....	357 87
Contingent reimbursements .....	279 75
Interest from Warren Fund.....	50 00
Fire Department reimbursements.....	4 06
Taxes, 1882 .....	1,170 04
Taxes, 1883 .....	5,271 65
Taxes, 1884 .....	61,555 47
School Department reimbursements.....	6 75
School Department, reimbursements from Murdock Fund.....	18 25
Poor Department, reimbursements from Murdock Fund .....	18 25
Sale of herring brooks.....	19 00
Indigent aid refunded.....	325 56
Widows' reimbursement.....	17 00
Billiard licenses .....	18 00
Land rent.....	6 00
Violation of town by-laws .....	10 00
Circus license .....	37 50
Collector's tax sales .....	67 10
Lighting street reimbursement.....	20 50
Burial Hill reimbursement.....	16 68
Fresh Brook reimbursement.....	16 50
	<hr/>
	\$155,070 45

The Treasurer is credited with payments as follows :

By paid—

Trustees Duxbury & Cohasset Railroad Sinking Fund.....	\$1,500 00
Duxbury & Cohasset Railroad loan.....	40,000 00
State tax .....	5,620 00
National Bank tax.....	4,145 84
Corporation tax .....	186 24
County tax .....	4,524 15
Vine Hills Cemetery .....	453 13
Widows' distribution.....	150 00
Water Works, interest on loans and extensions...	12,917 84
Watch and police .....	1,253 52
Treasurer.....	600 00
Sexton .....	125 00
Town debt and interest account.....	4,981 39
State aid .....	1,338 00
Schools.....	22,580 69
Roads and bridges.....	10,283 21
New roads .....	3,742 22
Insane poor.....	1,966 80
Poor .....	7,710 35
Fire Department. ....	2,953 20
Burial Hill.....	266 68
Contingent .....	4,068 61
Lighting streets and Town House.....	1,339 81
Assessors .....	782 78
Plymouth Public Library .....	1,000 00
Agawam and Halfway Pond Fishery .....	44 85
Warren Fund .....	22 58
Collector of Taxes.....	477 71
Indigent soldiers' aid.....	996 55
<i>Amount carried forward .....</i>	<i>\$136,031 15</i>

<i>Amount brought forward</i> .....	\$136,031 15
Abatements .....	1,790 06
New Grammar School Building .....	8,288 54
Market Street widening .....	2,000 00
Burial Hill enlargement .....	1,700 00
Repayment of tax sales .....	56 32
Fresh Brook .....	15 30
Cash on hand .....	5,189 08
	<hr/>
	\$155,070 45

The overdrawn balances of the several appropriations are as follows :

New Grammar School-house .....	\$8,288 54
Roads and bridges .....	153 11
Schools .....	613 22
Indigent soldiers aid .....	500 15
Watch and police .....	9 03
Insane poor .....	100 66
New roads .....	742 22
	<hr/>
	\$10,406 93

The undrawn balances of the several appropriations are as follows :

Collector's tax sales .....	\$10 78
Abatements .....	1,255 27
Assessors .....	67 22
Vine Hills Cemetery .....	453 50
Poor .....	424 92
Water Works .....	1,017 82
Town debt and interest account .....	383 59
Fire Department .....	50 86
Lighting streets and Town House .....	22 27
Contingent .....	173 45
	<hr/>
<i>Amount carried forward</i> .....	\$3,859 68

<i>Amount brought forward</i> .....	\$3,859 68
Warren Fund.....	1,095 56
Widows fund.....	67
Collector of Taxes.....	22 99
Fresh Brook Fishery.....	11 91
Training Green Fund .....	676 01
	<hr/>
	\$5,666 82

### TOWN DEBT.

#### WATER LOAN.

70,000 six per cent. bonds, payable June 1, 1885..	\$70,000 00
20,000 six per cent. bonds, payable Aug. 1, 1894..	20,000 00
Note to Plymouth Savings Bank, due April 1, 1890, 5 per cent.....	6,000 00
Note to Plymouth Five Cents Savings Bank, due August 2, 1890, 4½ per cent.....	6,000 00
	<hr/>
	\$102,000 00

#### DUXBURY AND COHASSET RAILROAD LOAN.

Note to Plymouth Savings Bank, due April 1, 1894, interest 4 per cent.	\$7,500 00
Note to Plymouth Five Cents Savings Bank, interest 4 per cent., due April 1, 1894 .....	7,500 00
	<hr/>
	15,000 00

#### TEMPORARY DEBT.

Note to Plymouth Savings Bank, pay- able April 13, 1888, interest 4 per cent .....	5,000 00
	<hr/>
<i>Amounts carried forward</i> .....	\$5,000 00
	<hr/>
	\$117,000 00

<i>Amounts brought forward</i> . . . .	\$5,000 00	\$117,000 00
Note to Plymouth Five Cents Savings Bank, payable March 20, 1888, 4 per cent. interest . . . . .	6,700 00	
Note to Plymouth Savings Bank, payable Sept. 18, 1886, interest 4 per cent . . . . .	10,000 00	
Note to Plymouth Savings Bank, on demand, interest 4 per cent . . . . .	11,000 00	
Notes to sundry parties, on demand, interest 5 per cent . . . . .	4,900 00	
	<hr/>	37,600 00

## ENGINE HOUSE LOAN.

Note to heirs of Timothy Manter, on demand, interest 5 per cent . . . . .	\$300 00	
Note to Plymouth Savings Bank, on demand, interest 5 per cent . . . . .	1,000 00	
	<hr/>	1,300 00
Undrawn balances of the several departments . . . . .		5,666 82
Gross debt . . . . .		<hr/> \$161,566 82

## LESS.

Uncollected taxes, 1883 . . . . .	\$1,639 21	
Uncollected taxes, 1884 . . . . .	8,758 56	
Indigent aid due from State of Massachusetts . . . . .	496 39	
State aid due from State . . . . .	1,338 00	
Cash on hand . . . . .	5,189 02	
	<hr/>	17,421 18
Net debt Jan. 1, 1885 . . . . .		<hr/> \$144,145 64
Net debt Jan. 1, 1884 . . . . .		\$164,186 41
Decrease of the debt in 1884 . . . . .		\$20,040 77



Payments have been made during the year on the principal of outstanding bonds and notes of the Town to the amount of \$26,300. The receipts from the sinking fund and surplus revenue, with the difference in the overdrawn balances from last year, have aggregated \$29,766.06; against this the overdrafts on account of Almshouse and North Grammar School-house, amounting to \$9,725.69, covered into general indebtedness, has left as applicable to the reduction of the debt, the sum of \$20,040.77; making the net indebtedness \$144,145.64, as against \$164,186.41 reported last year. To provide for the payments of the above amounts of \$26,300, the sum of \$23,921.19 was received from the Trustees of the Duxbury & Cohasset Railroad Sinking Fund; \$1,078.81 by transfer from abatement account, and the balance from the appropriation for town debt.

The loan on account of the Duxbury & Cohasset Railroad Company of \$40,000 became due April 1, 1884, of which \$25,000 has been retired. The balance has been provided for by a loan of \$15,000 on ten years at four per cent. interest, with liberty to apply \$1,500 annually towards the payment of the principal, which will retire the loan at maturity by continuing the annual appropriation of \$1,500 as a sinking fund. The expenditures in most of the departments have been in excess of former years, creating a deficiency of \$10,406.93, of which \$8,288.54 is on account of new Grammar School-house, for which an appropriation of \$7,500 was made at the annual meeting, but no provision was made for its payment.

To provide for these deficiencies, and the increase in the appropriations consequent upon the small balances remaining to the credit of the several departments, will materially increase our rate of taxation the present year, unless our expenditures are kept within the strict limit of necessity, and resort is had to borrowing to cover in part the deficiency of last year. We are rapidly approaching the limit where taxation will bear heavily

upon our industries and real property, as with prevailing low rates of interest and consequent diminished income from invested property, and small profits from business operations, makes taxation even at our present rate to many a serious burden, and should not be increased.

The cash balance in the treasury at the close of the year was \$5,189.02, against \$15,079.13 in 1883, while the only source of revenue to meet it—the uncollected taxes—is only \$2,316.87 in excess of last year, showing that the expenditures for the year have exceeded the receipts in nearly the difference represented by the above figures.

There has been expended on account of indigent aid, \$996.35. The amount allowed by the State will leave a deficiency of \$500.15 to be provided for.

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### *TOWN DEBT AND INTEREST ACCOUNT.*

Jan. 1, 1884.	CR.	
By balance from old account.....		\$292 82
By appropriation.....		4,700 00
By rebate of interest on loan.....		8 61
By interest received from delinquent taxes.....		363 55
		<hr/>
		\$5,364 98
CONTRA, DR.		
To payments of interest on Duxbury & Cohasset Railroad loan.....	\$1,700 00	
To interest on temporary loans.....	1,770 74	
By interest on loans in anticipation of taxes ....	210 65	
To payments on principal of notes.....	1,300 00	
	<hr/>	4,981 39
Undrawn balance.....		<hr/>
		\$383 59

With the payment of a portion of the Duxbury & Cohasset Railroad loan, and refunding the balance at a lower rate of interest, the sum of \$1,100 less will be required to meet interest on outstanding indebtedness.

To provide for payment of \$1,000 on Engine House loan and interest on temporary loans will require an appropriation of \$3,200, which is recommended.

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### ROADS AND BRIDGES.

Dr.

To payments in 1884. .... \$10,283 21

Jan. 1, 1884.

Cr.

By balance from old account.....	\$808 96	
By appropriation .....	8,500 00	
By appropriation .....	200 00	
By reimbursements ... ..	621 14	
	<hr/>	10,130 10
Overdrawn .....		<hr/> \$153 11

The expenditures for roads and bridges the past year is \$10,-283 21, against \$8,899.19 in 1883, and less the earnings of the teams in other departments, \$9,562.07, against \$8,120.04 in 1883. The difference is chiefly explained by exceptional expenditures for the following purposes, viz.: For purchase of a horse, \$270; paid Patrick Taylor for injuries on the highway, \$375; and \$275 to E. & J. C. Barnes for removal of building, and land taken to widen Water Street—in all, \$920.

The Town voted at the annual meeting an appropriation of \$200 to improve the sidewalks on Cushman and Allerton Streets, for the convenience of travel to the Monument grounds,

Arrangements were made with the abutters to contribute a portion of the expense, so that the sum expended for that purpose did not exceed the appropriation, but the work necessitated a change of grade and the working of the street to conform to it, which cost, including paved gutters, about \$500.

There has been an extra amount of work required of the Road Department in the working of Carver Street and grading and covering of Lothrop Street, consequent upon the working of the new road from Court to its junction with Lothrop Street. The repairs both in the central and outlying districts have been larger than usual.

There has been expended for permanent improvement of sidewalks and street crossings, including the work on sidewalks on Cushman and Allerton Streets, \$1,571.82, not including the labor of the men and teams employed on the highways; so that the sum has largely exceeded the amount authorized for such work, viz: \$1,200.

The resetting of edge stone and change of grade from opposite the Green to Fremont Street, involved a larger expenditure than was contemplated, and partly accounts for the increased outlay.

The expenditures on sidewalks have been large for the past few years, and to make necessary repairs on walks already laid will still require it. The walks on the main street, between Fremont and Samoset Streets, are to a great extent covered with concrete, making on one side of the street a continuous walk between those points.

The results do not warrant the Selectmen in recommending the continued use of it for permanent improvement of sidewalks.

It wears out rapidly; is not uniform in quality. In many places it is rough and objectionable to walk on—more so than occasional mud would be on a gravel walk. On streets where

the travel is light, and liable to wash, it can be used with better results. The sidewalks, outside of the thickly settled portions of the Town, can be kept in as good condition with ashes and gravel at a fraction of the cost of concrete, and considering the expense, and the objections which experience has shown in its use, the former, it is believed, will be found in the end to be the most economical and satisfactory method which can be adopted.

For permanent improvement of sidewalks within the central part of the Town, brick will without doubt be found, as it is in cities and large towns where the travel is great, to be the most durable and economical pavement.

The property belonging to the Road Department is in good condition, consisting of five horses, four of which have been purchased within the past two years are young and well adapted for the work. The equipment, in other respects, is complete, and very little outlay will be required the present year.

An appropriation of \$9,500 for the current year is recommended.

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### NEW ROADS.

Dr.

To payments in 1884 .....	\$3,742 22
---------------------------	------------

Cr.

By appropriation .....	3,000 00
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Overdrawn .....	\$742 22
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The expenditures on account of new roads have largely exceeded the estimates, and have been occasioned by change of plans in the working of Carver Street which were not contemplated when the appropriation was recommended.



The original plan submitted to the Town involved the widening of the street on the east side to its connection with the angle in the wall opposite the church lot; also the building of a wall the entire length, and a flight of stone steps at the foot of Middle Street.

For this work a contract was made with C. V. Pendleton for \$1,300. As the work progressed, it became evident that additional width would improve the street, and to satisfy what appeared to be a general demand, the changes were made, and the widening extended to Leyden Street, as the additional work could be done, while the contractor was on the ground with the men and tools, much cheaper than it could be done if delayed another year and finished under a separate contract.

The sum expended, including land damages, fencing, etc., was \$3,386.90. There was also expended for the working of the road from Court to Lothrop Street \$322.57, and \$32.75 for surveys and plans for new roads, for which petitions had been presented and were pending action by the Selectmen.

Petitions have been presented for the laying out of town ways from Court to Water Streets, South to Mount Pleasant Street, and from Warren Street, across Eel River, to the Beach, on which hearings have been granted.

The most important, considering the outlay required, was the petition for a road from Court to Water Street. A hearing was had in December, 1883. The laying out was not urged by the petitioners on the grounds which the law recognizes as justification for taking private property for public purposes (viz: that the public necessity and convenience require it), but on the grounds that the land through which the road would pass was needed for building purposes, and that the road, if laid out, would improve and beautify that section of the Town. No general demand for the road presented itself. The Selectmen, after carefully considering the matter, were unanimous in the opinion



that they were not warranted in taking private property involving so large an expenditure for such purposes ; that the road was neither demanded on the grounds of public necessity or convenience ; that it would impose a burden on the Town at a time when large expenditures were being incurred on account on enlargement and building of school-houses, and when the Town could least afford it, and with no probability that conditions would be less favorable for laying out the road at some future time, if needed, and for these reasons rejected the petition. The petition was carried on appeal to the County Commissioners, who have laid out the road, and served notice on the Town to work the same within the present year. The matter will be referred to the Town for its action at the annual meeting.

The laying out of a town way from South to Sandwich Street was a condition in the purchase of the school-house lot, and becomes a necessity, not only to the children attending the schools, but to the occupants of several houses lately built upon a way already laid out, which will form a connection with the new road and Mount Pleasant Street. The laying out will be reported to the Town at the annual meeting.

The Selectmen have deferred action on the petition for a town way from Warren Street to the Beach, as the project now before the Town involve more than can wisely be assumed the present year.

An appropriation for unfinished work on new roads will require the sum of \$1,000, which is recommended.

## WATER WORKS.

Cr.

Jan. 1, 1884—

By balance from old account .....	\$93 53
By receipts from water rents, labor and materials .	13,842 13
	<hr/>
	\$13,935 66

Dr.

To payments in 1884 .....	12,917 82
	<hr/>
Undrawn ....	\$1,017 84

The amount to the credit of this account shows a gain over last year of \$924.29, and a balance to the credit of the account of \$1,017.82, which, under a vote of the Town, will be appropriated to the Water Scrip Sinking Fund. Since the Fund was created in 1876, the net receipts from Water Works contributed to it has been \$1,759.43, the last payment of which, \$1,000, was received in 1880, since which time the income has not exceeded the expenditures, so that no additions have been made to it except from the accumulations and 21 4-5 shares of Central Massachusetts Railroad Preferred Stock, valued at \$261.60, which were received from the Trustees of the Duxbury & Cohasset Railroad Sinking Fund as the balance of an investment in the bonds of that road, which had depreciated to such an extent that it was thought advisable to retain them and turn over to the Sinking Fund until the completion of the road, when it is hoped that they will appreciate in value and be available to meet the loan maturing in 1890. The first loan, issued in June, 1855, to provide for the construction of the Water Works, will become due June 1 of the present year. The loan incurred on account of Pumping Station was a temporary loan for ten years, and will become due in 1890. The Selectmen, in making pro-

vision for these loans at maturity, recommend to the Town that the loan of \$12,000 be provided for by setting apart the present Sinking Fund, which, with the balance available from the income of Water Works the past year, now amounts to \$3,694.37; that the sum of \$2,000 annually, for the years 1886 to 1889, inclusive, be taken from the income of Water Works and added to the Sinking Fund, which, with the accumulations, will amply provide for the loan at maturity. To provide for the loan of \$70,000 becoming due the present year, it is recommended that bonds of the Town be issued, payable in thirty years, such proportion of the bonds becoming due in 1890 and each year thereafter as will retire the loan at maturity. By making these provisions the requirements of the law can be complied with without imposing any direct tax, as, with the refunding of the debt, which it is reasonable to anticipate can be funded at a rate not exceeding four per cent., the annual saving in interest charges will nearly provide for the requirements of the sinking fund until 1890. The amount thereafter to be applied in payment of maturing bonds will require \$2,500 annually for the succeeding ten years until 1900, and \$3,000 annually thereafter, which will retire the loan at its maturity in 1915.

The interest account will be diminishing annually in the sum of \$100 with the payment of the maturing bonds, and at the expiration of ten years will more than provide for the additional sum of \$500 falling due after that time. The interest charge at the expiration of the first ten years, or in the year 1900, on a basis of four per cent. on the outstanding loan, will be \$1,800 annually, and decreasing thereafter \$120 each year, against an interest charge of \$4,200 on the present loan.

By computing the interest on the loan as estimated by the Selectmen, the interest paid by the Town on the entire loan at maturity would amount to \$49,100, while the interest on the loan, if continued for thirty years at the present rate, would amount to \$121,800, a saving of \$72,700, which, it will be seen,

will more than provide for its payment. The loan becoming due this year was issued under a special act of the Legislature, with no requirement for establishing a sinking fund except from the surplus net income after payment of interest charges and expenses of distribution and repairs. Since that time a general law has been enacted requiring the establishment of a sinking fund, and limiting indebtedness for certain purposes within specified limits, which in general terms will require the Town, in issuing a new loan, to comply with.

A petition has been presented to the Legislature, in accordance with the recommendations of the Selectmen, for authority to come under the provisions of the general law applicable to towns and cities for incurring loans, or renewing maturing loans, with the condition that in lieu of a sinking fund such portion of the debt may be retired each year, commencing in 1890, as will provide for the debt at maturity, and will without doubt be granted, thereby giving to the Town the opportunity to adopt the recommendations of the Selectmen, or make such other provision for meeting the requirements of the law for establishing a sinking fund as they may deem for the interest of the Town. In counting upon an income from the Works, which shall provide for the recommendation made by the Selectmen, their calculations are based upon the probable receipts from Water Works as increasing from the present basis. The income from the Works the last year, in case only the interest and expenses of management and repairs were charged in the account, would have left a balance of about \$3,000, as some \$2,000 has been expended for extensions and exceptional expenses during the year.

Separating these items from the account, there can be no reasonable doubt that the net income will provide for the requirements of the sinking fund, and leave a balance to meet moderate requirements for extensions.

Reference to the full report of the Commissioners will give the operations and detailed expenditures for the year.

## CONTINGENT.

## CR.

By appropriations .....	\$3,100 00
By balance of old account .....	862 31
By cash from—	
H. W. Coffin, sewer right.....	25 00
J. F. Whiting, sewer right .....	25 00
Estate of William Bartlett, sewer right .....	25 00
Charles P. Hatch, sewer right....	25 00
Lewis Eddy, sewer right.....	25 00
E. W. Bradford, sewer right .....	10 00
Ozen Bates, sewer right .....	10 00
George Shaw, sewer right .....	10 00
Estate of B. H. Holmes, sewer right .....	10 00
Sale of old buildings, School Street .....	18 00
Sale of check list .....	50
Collector's tax sales.....	71 25
Eleanor Kendrick, sewer right.....	25 00
	<hr/>
	\$4,242 06

## CONTRA, DR.

To payment for fire in the woods .....	\$134 00
To legal expenses ... ..	265 44
To return of births.....	39 00
To return of deaths .....	34 50
To sewer extensions .....	197 89
To Town Clerk for services .....	164 40
To printing town reports .....	254 25
To bills for printing.. ..	153 00
To coal for Town House .....	51 00
	<hr/>
<i>Amounts carried forward.....</i>	<i>\$1,293 48</i>
	<hr/>
	\$4,242 06



<i>Amounts brought forward</i> .....	\$1,293 48	\$4,242 06
To Post Office bill for envelopes, stamps and stationery.....	71 15	
To Town Forester.....	41 05	
To repairs on Town House, including new safe .....	1,026 05	
To Moderator town meetings.....	10 00	
To services of Selectmen .....	628 71	
To Galen Holmes, land rent for Pound..	1 00	
To C. H. Paine, surveying line between Kingston and Plymouth. ....	25 00	
To cleaning Town House.....	18 48	
To land purchased from heirs of Ephraim Holmes and Thankful Tribble, below Carver Street.....	100 00	
To Grand Army for Decoration Day....	125 00	
To Boston Directory... ..	5 00	
To carriage hire for Inland Fishery Com- mittee.....	13 00	
To stone bounds and setting.....	37 82	
To repairs on town clock .....	2 00	
To Ellis Benson for care of town clock..	25 00	
To repairs on drinking fountains.....	5 05	
To repairs on stand pipes... ..	2 14	
To memorial tablet, Coles' Hill.....	100 00	
To repairs on fence on Hospital lot....	5 00	
To ringing bells .....	5 50	
To police badges .....	12 71	
To repairs on town bell and frame .....	23 04	
To rent of halls for town meetings.....	90 00	
To registration book .....	2 75	
To painting fence, Coles' Hill.....	4 00	
<i>Amounts carried forward</i> .....	\$3,672 93	\$4,242 06



<i>Amounts brought forward</i> .....	\$3,672 93	\$4,242 06
To expenses on ballot box.....	1 61	
To Collector's tax sales refunded .....	66 21	
To mounting voting lists.....	8 00	
To County History ....	12 50	
To ballot box platform.....	5 61	
To posting notices .....	3 25	
To J. Atwood, services .....	28 00	
To C. H. Paine, surveying streets, and plans.....	101 25	
To Weston's Express bill.....	6 95	
To carriage hire for Selectmen .....	12 75	
To painting sign boards ....	7 50	
To Water Works, labor on fountains, &c.	6 00	
To services Board of Registration.....	100 00	
To filling stable lot, School Street .....	25 00	
To sundries ....	11 05	
	<hr/>	4,068 61
Undrawn .....		\$173 45

The expenditures under this account are unusually large, owing to the fitting up of the upper part of the Town Hall for offices, and constructing a new safe.

The purchase of land from heirs of E. Holmes and others below Carver Street, comprises the land below the wall on the street line to the wall below, and was purchased to protect the wall by keeping up the embankment, as it was found to be cheaper than to deepen the foundation of the wall in the loose material which composed the bank. The expenditures have, however, been kept within the appropriation.

With the balance to the credit of the account, an appropriation of \$3,000 will be required for the current year, and is recommended.

*SCHOOLS.*

## DR.

To payments in 1884..... \$22,580 69

## CR.

By appropriation .....	\$21,100 00	
By school fund .....	235 19	
By C. E. Barnes, refunded.....	6 75	
By cash from sale of school books .....	607 28	
By interest from Murdock Fund.....	18 25	
	<hr/>	21,967 47
Overdrawn .....		<hr/> \$613 22

The expenditures for schools, as compared with last year, show an increased net expenditure of \$669.38, the expenditure for 1884, less the amount received from sale of school books, being \$21,973.41, against \$21,304.03 in 1883. The deficiency in the account is explained by the operation of the law which went into effect in August of last year, whereby the Town is compelled to provide books and supplies free to the public schools. The cost to the Town for the present year has exceeded the estimates to an amount equalling the deficiency in the account. The loss of one half the dog fund transferred to the Public Library, which last year amounted to \$303.70, will require increased appropriation to provide for it.

There seems to be no limit to the demands for additional school accommodations, and correspondingly increased expenditures to provide for them. The School Committee estimate that an appropriation of \$22,000 will be required to meet the current expenses for the year, and \$2,000 additional for school books and supplies.

It is difficult to see how the appropriation can be reduced under the present system of conducting the schools.

*POOR.*

## CR.

By balance of old account .....	\$393 92
By appropriation .....	6,500 00
By reimbursements ... ..	1,223 10
By one half interest from Murdock Fund .....	18 25
	<hr/>
	\$8,135 27

## CONTRA, DR.

To payments in 1884 ....	7,710 35
	<hr/>
Undrawn ....	\$424 92

The net expenditure on account of poor is \$6,469.00, against \$6,598.22 last year.

An appropriation of \$6,500 is asked for and recommended.

*INSANE POOR.*

## DR.

To payments in 1884 .....	\$1,966 80
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## CR.

By reimbursements ....	\$357 87
By appropriation .....	1,250 00
By balance from old account.....	258 27
	<hr/>
	1,866 14
Overdrawn .....	<hr/>
	\$100 66

The number of patients in the hospitals at the commencement of the year was nine. Three have since been admitted and one died, making the present number eleven.

The Overseers ask for an appropriation of \$1,600, which is recommended.

*VINE HILLS CEMETERY.*

## CR.

By balance from old account.....	\$515 84
By sale of lots in 1884.....	390 79
	<hr/>
	\$906 63

## CONTRA, DR.

To payments in 1884.....	453 13
	<hr/>
Undrawn .....	\$453 50

There has been sold during the year twenty-five lots, from which has been received \$333.79, and \$57.00 for lots sold in previous years, in all \$390.79.

There is due for two lots sold, but not paid for, \$26.50.

*LIGHTING STREETS AND TOWN HOUSE.*

## CR.

By balance from old account.....	\$91 58
By appropriation .....	1,250 00
By reimbursements .....	20 50
	<hr/>
	\$1,362 08

## DR.

To payments in 1884... ..	1,339 81
	<hr/>
Undrawn .....	\$22 27

There have been two gas lights added the present year, one each on Middle and Samoset Streets, making the present number fifty-two.

There are also fourteen lamps, either burning oil or illuminating gas. An appropriation of \$1,400 is recommended.

*FIRE DEPARTMENT.*

CR.

By appropriation . . . . .	\$3,185 69
By reimbursements . . . . .	4 06
	<hr/>
	\$3,189 75

Jan. 1, 1884.

DR.

To balance from old account . . . . .	\$185 69	
To payments in 1884 . . . . .	2,953 20	
	<hr/>	3,138 89
Undrawn . . . . .		<hr/>
		\$50 86

*COLLECTOR OF TAXES.*

CR.

By balance from old account . . . . .	\$0 70
By appropriation . . . . .	500 00
	<hr/>
	\$500 70

DR.

To paid Collector, collecting \$6,529.05 back taxes, at 1 per cent . . . . .	\$65 29	
Salary . . . . .	500 00	
	<hr/>	\$565 29
Less 1 per cent. on \$8,758.56, uncollected	87 58	
	<hr/>	477 71
Undrawn . . . . .		<hr/>
		\$22 99

*WATCH AND POLICE.*

CR.

By balance from old account.....	\$44 49
By appropriation .....	1,200 00
	<hr/>
	\$1,244 49

DR.

To payments in 1884.....	1,253 52
	<hr/>
Overdrawn .....	\$9 03

*WARREN FUND.*

Dec. 31, 1884.

CR.

By balance from old account.....	\$1,068 14
By interest .....	50 00
	<hr/>
	\$1,118 14

DR.

To payments, 1884 .....	22 58
	<hr/>
Undrawn .....	\$1,095 56

*ABATEMENTS.*

CR.

By balance from old account.....	\$2,208 84
By overlay, 1884.....	836 49
	<hr/>
	\$3,045 33

DR.

To payments to Sinking Fund .....	\$1,078 81
To abatements, 1884 .....	704 11
To payment to E. L. Howard .....	7 14
	<hr/>
	1,790 06
	<hr/>
Undrawn .....	\$1,255 27



*ASSESSORS.*

CR.

By appropriation .....	\$850 00
By appropriation for deficiency .....	150 74
	<u>\$1,000 74</u>

DR.

To balance old account ....	\$150 74	
To payments, 1884 ....	782 78	
	<u>933 52</u>	
Undrawn .....	\$67 22	

*DUXBURY & COHASSET RAILROAD SINKING FUND.*

CR.

By appropriation .....	\$1,500 00
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DR.

Jan. 1, 1884. To payment to Trustees .....	\$1,500 00
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*FRESH BROOK.*

CR.

Jan. 1, 1884. By balance from old account .....	\$10 71
By sale of Brook .....	16 50
	<u>\$27 21</u>

DR.

To payments, 1884 .....	15 30
Undrawn .....	<u>\$11 91</u>

*BURIAL HILL.*

CR.

By appropriation .....	\$250 00
By transfer from Warren Fund .....	16 68

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 \$266 68

DR.

To payments, 1884 .....	\$266 68
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*TREASURER.*

CR.

By appropriation .....	\$600 00
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DR.

To payments, 1884 .....	\$600 00
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*SEXTON.*

CR.

By appropriation .....	\$125 00
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DR.

To payments, 1884 .....	\$125 00
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*TRAINING GREEN FUND.*

CR.

By balance old account .....	\$649 59
By interest .....	26 42

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 Undrawn balance..... \$676 01

*NEW GRAMMAR SCHOOL HOUSE.*

Dr.

To payments, 1884.....	\$8,288 54
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*BURIAL HILL ENLARGEMENT.*

Cr.

By appropriation .....	\$1,700 00
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Dr.

To payments, 1884 ...	\$1,700 00
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*MARKET STREET WIDENING.*

Cr.

By. appropriation.....	\$2,000 00
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Dr.

To payments, 1884 .....	\$2,000 00
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*MURDOCK FUND.*

Cr.

By fund re-established .....	\$730 00
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By interest .....	36 50
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	\$766 50
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Dr.

To payment to Poor account .....	\$18 25
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To payment to Schools.....	18 25
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	36 50
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Balance .....	\$730 00
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*GUIDE BOARDS.*

The Guide Boards of the Town are reported in good condition.

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*APPROPRIATIONS.*

Schools .....	\$22,000 00
School books and supplies .....	2,000 00
Town debt .....	3,200 00
Roads and bridges .....	9,500 00
Fire Department .....	3,000 00
Watch and police .....	1,260 00
Lighting streets and Town House .....	1,100 00
Insane Poor .....	1,600 00
New roads .....	1,000 00
Contingent .....	3,000 00
Poor .....	6,500 00
Assessors .....	800 00
Burial Hill .....	200 00
Collector of Taxes .....	500 00
Treasurer .....	600 00
Duxbury & Cohasset Railroad Sinking Fund .....	1,500 00
Sexton .....	125 00
	<hr/>
	\$58,285 00

## DEFICIENCIES.

Schools.....	\$613 22	
Roads and bridges ..	153 11	
Indigent soldiers aid .....	500 15	
Insane Poor.....	100 66	
New roads.....	742 22	
New School-house.....	8,288 54	
	<hr/>	10,397 90
		<hr/>
		\$68,682 90

The revenue not otherwise appropriated  
is estimated as follows :

Corporation tax.....	\$5,000 00	
Bank tax.....	2,500 00	
Miscellaneous receipts.....	300 00	
	<hr/>	7,800 00
		<hr/>
		\$60,882 90

Leaving the sum of \$60,882.90, which it is recommended be raised by taxation for the expenses of the current year, being \$10,100.39 more than was recommended last year.

WILLIAM H. NELSON,	} <i>Selectmen of Plymouth.</i>
EVERETT F. SHERMAN,	
W. B. STANDISH,	
L. T. ROBBINS,	
JOHN CHURCHILL,	}

PLYMOUTH, Feb. 10, 1885.

## VALUATION.

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Real estate .....	\$3,103,625 00
Personal property .....	1,481,025 00
	<hr/>
Total valuation ..	\$4,584,650 00
Gain in real estate .....	\$70,550
Loss in personal property .....	20,429
Number of polls, 1858.	
Number of polls, women, 14.	
Tax on polls, \$2.00.	
Rate of taxation, \$13.60.	
Number of horses, 545.	
Number of cows, 453.	
Number of sheep, 85.	
Number of dwelling houses, 1,233.	
Number of acres land taxed, 50,700.	



## ABSTRACT OF RECORDS FOR 1884.

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*Voted*—That the Selectmen now and hereafter elected be instructed to make such regulations in relation to the taking of shell fish as they may deem expedient, under Section 68, Chapter 91, of the Public Statutes.

*Voted*—That the Trustees of the Duxbury & Cohasset Railroad Sinking Fund are hereby authorized and directed to convert the securities now held by them belonging to said Fund, with the exception of the securities of the Massachusetts Central Railroad Company, into cash, and pay over the same to the Town Treasurer, to be used by him to provide for payment of the loan becoming due April 1, 1884, and to pass over the securities of the Massachusetts Central Railroad Company to the Trustees of the Water Scrip Sinking Fund, to be applied by them to the redemption of the Water Loan becoming due June 1, 1885.

*Voted*—That no license be granted for the sale of intoxicating liquors in this Town. Yeas 213, nays 226.

*Voted*—That the Town Clerk be instructed to give the Trustees of the Public Library six months notice to quit, in accordance with the provisions of the vote of the Town granting the occupancy of the Town Hall for said Library.

*Voted*—That the Selectmen have authority to alter said hall by the construction of such rooms for Town officers as they think best, and furnish the same and also provide a suitable safe or safes.

*Voted*—That the Town grant to the Public Library the whole of the dog fund for the year 1883, now in the Treasury, to wit: \$587.57, and appropriate the sum of \$412.43 for the maintenance of said Library.

*Voted*—That the Selectmen be instructed to expend \$1,200 of the appropriation for roads and bridges in the construction of sidewalks and stone crossings, and that one half of said sum be expended south of Town Brook.

*Voted*—That \$200 be added to the appropriation for roads, and that the Selectmen be requested to expend the same for crossings and improvements of sidewalks on Cushman and Allerton Streets, for the convenience of travel to and from the Pilgrim National Monument and Grounds.

*Voted*—That \$600 be appropriated to meet the demand for text books and school supplies for the ensuing year.

*Voted*—That the School Committee be authorized and instructed to purchase some large open lot, with convenient rights of way, to erect a building, at some convenient place, at a cost not exceeding for land and building \$7,500, for the accommodation of the Grammar School and the two Primary Schools now in the High School-house, provided that said building shall be erected south of South Green Street, if a convenient lot can there be obtained.

*Voted*—That the old stable lot and buildings on School Street, belonging to the Trustees of Z. F. Leach, be purchased by the Selectmen for the Town for enlargement of Burial Hill, and the sum of \$1,700 is hereby appropriated for that purpose, and that the Selectmen be authorized to sell the buildings on the lot on the most favorable terms and provide for the early removal of the same.

*Voted*—That the Treasurer is hereby directed to re-establish the principal of the fund given by John Murdock in 1757, to the Town of Plymouth, by crediting the same on the books of the Town, and annually pay over the interest on the same at the rate of 5 per cent. per annum, in accordance with the provisions of the trust.

## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, Winslow B. Standish.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—John Harlow, Josiah A. Robbins, Henry Whiting.

OVERSEERS OF THE POOR—Charles P. Hatch, elected March 3, 1884; George H. Jackson, elected March 5, 1883; John Churchill, elected March 20, 1882.

SEXTON—Clement Bates.

WATER COMMISSIONERS—Samuel H. Doten, Horace P. Bailey, elected March 3, 1884; Charles O. Churchill, elected March 5, 1883; Everett F. Sherman, Nathaniel Morton, elected March 20, 1882.

SCHOOL COMMITTEE—George A. Tewksbury, George F. Weston, elected March 3, 1884; James D. Thurber, Charles I. Litchfield, elected March 5, 1883; Frederick N. Knapp, Nathaniel Morton, elected March 20, 1882.

SUPERINTENDENT OF SCHOOLS—Charles Burton.

AGAWAM FISHERY COMMITTEE—Joseph F. Towns, Jesse R. Atwood, Augustus Robbins,

CONSTABLES—John Atwood, James B. Collingwood, Barnabas Hedge, William E. Baker, Joseph W. Hunting, Martin J. Hunting.

BURIAL HILL COMMITTEE—Selectmen.

TRUSTEES DUXBURY & COHASSET RAILROAD SINKING FUND—John J. Russell, George G. Dyer, Isaac Brewster.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins, Edward B. Atwood, Cornelius C. Holmes, Nathaniel Brown.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS—Selectmen.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perry, Hosea C. Bartlett, Galen R. Holmes.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—Josiah A. Robbins.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Joseph F. Towns, Benjamin Ward, Horatio Wright, Martin V. B. Douglass, Henry Whiting, Nathaniel Ellis, Nathaniel Clark, Gustavus G. Sampson, David Clark, Galen R. Holmes, Solomon F. Webquish, Nehemiah L. Savery, George R. Briggs, Nathaniel Brown.

POUND KEEPERS—Oliver T. Wood, Hosea C. Bartlett, Galen R. Holmes.

WATER SCIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, David H. Gilbert, Charles B. Stoddard.

BOARD OF ENGINEERS FIRE DEPARTMENT—Horace P. Bailey, V. B. Holmes, Peleg S. Burgess, William E. Churchill, Albert E. Davis.

## TOWN MEETING.

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Copy of Articles in the Warrant for the Annual Town Meeting, March 2, 1885 :

ARTICLE 1. To choose a Moderator.

ARTICLE 2. To choose all necessary Town officers.

ARTICLE 3. To choose a Committee to regulate the fisheries in Agawam and Half-way Pond Rivers, and take such other action relating to the same as the Town may deem expedient.

ARTICLE 4. To choose two Water Commissioners to serve for three years.

ARTICLE 5. To hear the report of the several officers and Committees of the Town, and act thereon.

ARTICLE 6. To revise and accept a list of jurors prepared by the Selectmen.

ARTICLE 7. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes, and for disbursements under the provisions of the laws relating to State aid, and to defray the expenses of the Town after January 1, 1886.

ARTICLE 8. To see if the Town will authorize the Collector of Taxes to use all means of collecting the taxes which a Town Treasurer, when appointed a Collector, may use.

ARTICLE 9. To make all necessary appropriations to defray the expenses of the Town, and for other purposes, and raise such sums of money as the Town shall deem expedient.

ARTICLE 10. To see if the Town will appropriate the sum of \$125.00 to defray the expenses of Decoration Day.



ARTICLE 11. Shall licenses be granted for the sale of intoxicating liquors in this Town? Vote to be by separate ballot. "Yes" or "no" in answer to the question.

ARTICLE 12. To see if the Town will make necessary changes in its By-laws concerning truant children and absentees from school.

ARTICLE 13. To see if the Town will refund to Gamaliel Thomas the sum of \$43.11 for taxes wrongfully assessed.

ARTICLE 14. To see if the Town will authorize the Selectmen to renew the Water Loan becoming due June 1, 1885, on such terms and for such time as they may deem for the interest of the Town, and provide at the time of the issue of said bonds for the annual proportional payments, beginning in 1890, as will retire the loan at maturity.

ARTICLE 15. To see what action the Town will take on the order of notice served on the Town by the County Commissioners for the working of a Town-way from Court to Water Street.

ARTICLE 16. To see what action the Town will take in aid of the Public Library.

ARTICLE 17. To see if the Town will accept the laying out of a Town-way from South to Sandwich and Mount Pleasant Streets; also the widening of Carver Street as made by the Selectmen.

ARTICLE 18. To see what action, if any, the Town will take to ascertain its rights in Thomas Alley, so-called.

ARTICLE 19. To see if the Town will authorize the Selectmen to quit claim to a piece of land on the westerly side of the Arch Bridge over Town Brook.

ARTICLE 20. To see if the Town will authorize the Selectmen to sell and convey a piece of land situated on the westerly side of the highway to Chiltonville, purchased of W. P. Ripley in 1819, adjoining the land of John Finney.



# REPORTS.

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## REPORT OF THE WATER COMMISSIONERS

*FOR THE YEAR ENDING DECEMBER 31st, 1884.*

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The receipts for the year are—

From water rates.....	\$12,806 51
For labor and materials, service pipe account.....	690 73
	<hr/>
Total ordinary income.....	\$13,497 24

The expenses for maintenance are—

For superintending, collections, labor and materials.....	\$2,626 70
For Pumping Station expenses.....	2,078 46
For interest on Water Works loan.....	5,280 00
For interest on steam pump loan.....	570 00
	<hr/>
	10,555 16

Income in excess of expenses of maintenance	\$2,942 08
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Payments have been made from the income for pipe extensions, with other expenses properly chargeable to construction account, amounting to \$1,867.79, which sum, together with \$150 paid Mr. Thomas Atwood in settlement of his claim for personal injuries caused by defect in service pipe trench on Cushman Street, leaves \$924.29 to be added to the sinking fund.

The extensions of distribution pipe have been more than usual, the number of feet laid amounting to 3,499. The streets on which the pipe is laid are stated in the report of the Superintendent.

The length of pipe of sizes from two to twenty inches is twenty-one and one fifth miles, and they appear to be in good condition.

Stone was procured for laying a wall between Great and Little South Pond, but the unusual height of the water in the canal prevented the work being done, and the wall will be built the coming season.

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### *PUMPING WORKS.*

The report of Mr. H. F. Gibbs, the Engineer, states that the buildings and engine are in good condition, and few repairs have been required through the year. A new feed pump has been procured and is run at much less cost than the old one.

Since June 1, the Engineer has used Cumberland instead of hard coal, and he estimates the saving during the seven months at \$168.44, this quality of coal being of less price and showing reduced consumption for the same duty.

The pumping machine and boiler have been in daily operation for five years, and it is the opinion of the Inspectors "that one boiler should not be relied upon where daily use is required, and that a new boiler should be procured," as the present boiler, although apparently sound, is liable to show a defect that would require some days to repair.

The quantity of water pumped during the year amounts to 178,875,158 gallons, and is in excess of the quantity last year by 1,795,205 gallons.

The Engineer has shown the usual ability and efficiency, and his services are very satisfactory to the Commissioners.

*INCOME ACCOUNT.*

The Collector of water assessments reports the transactions for the year as follows, viz.:

Balance due Jan. 1, 1884, on water rates.	\$90 93
Balance due Jan. 1, 1884, on service pipe account .....	24 43
Water rates for 1884, charged ....	13,038 20
Service pipe account for 1884, charged..	723 65
Materials and labor, F. F. Emery, charged	344 89
	————— \$14,222 10

The collections are—

On water rates account.....	\$12,806 51
On service pipe account .....	690 73
From F. F. Emery's account.....	344 89
Uncollected balance, water rates account.	108 93
Uncollected balance, service pipe account	57 35
Abatement for the year.....	213 69
	————— \$14,222 10

There should be credited the Water Works, in addition to the above income, for public uses a sum not less than \$1,500, this sum being the estimate made by the Water Board of 1881 for water facilities furnished for use of Fire Department, sprinkling streets, school-houses and other town property. The report for that year also called attention to the fact that extensive manufacturing had been introduced, highly beneficial to the Town, the small charge for water supply being the principal inducement to their location. The report for the year 1882 also calls the attention of the Town to the same subject, estimating in detail the amount that should be carried to the credit of the Water Works, the total sum being \$2,013.00.

As now conducted, the water takers contribute to the maintenance of the several departments named. The present system of levying a special tax by a tariff of water rates, to meet ex-

penses of maintenance, interest, and ultimate cancelling of the debt contracted for construction of the Works, has been so long in use that it may pass unquestioned, but to add to this burden expenses that should be borne, and for which provision is made by legal enactment, by a property tax, is clearly unjust to those who may willingly assent to payment of rates adjusted for the purpose of extinguishing the Water Works debt, in expectation that when that object is accomplished a relief may be found in a large reduction of the present tariff.

A large and increasing number of water takers of the high service, who only obtain their supply during the twelve hours daily pumping, have borne this inconvenience, looking for relief by the construction of a high service reservoir, and who justly complain of the delay, and also of the injustice of being compelled to pay the same rates for their partial supply as their more fortunately located neighbors, and it requires but little foresight to realize that, should the earnings of the Works that are now withheld be justly applied, the expense of furnishing the high service with a permanent supply could be met from five or six years of such additional income.

The Works have been in operation nearly thirty years, the water from South Pond having been turned into the pipe for supplying the Town November 5, 1855.

A large portion of the loan obtained for construction of the works falls due in June, 1885, and it may be assumed that the present financial condition will be further improved, by a reduction in the rate of interest, by the contemplated loan for meeting the maturing debt, and the present is a fitting time to favorably consider a proposition for perfecting the system by securing a storage supply of water sufficient to meet all emergencies.

### *ORDINARY EXPENSES.*

Paid—

Superintendent .....	\$600 00
Collector, water rates .....	345 96
Service pipe, plumbing and furnishings .....	186 70
Express .....	14 95
Canvass, white lead and oil .....	45 18
Lumber and faucet boxes .....	36 86
Printing .....	42 75
Stationery and postage .....	5 18
Fuel and gas bills .....	27 33
Repairs on reservoir fence .....	13 75
Marline .....	24 36
Rubber goods .....	6 00
Concrete walk .....	19 73
Iron tops to valve and faucet boxes .....	74 20
Blacksmith bills .....	19 98
Teaming and carriage hire .....	220 50
Painting roof of workshop .....	8 93
Street washers .....	7 60
Labor bills .....	926 74
Interest on water loan .....	5,280 00
	\$7,906 70

### *PUMPING STATION EXPENSES.*

Paid—

Engineer's salary .....	\$700 00
Extra pumping, fifty-two Sundays, at \$2.00 .....	104 00
Coal .....	940 71
Wood .....	6 25
<i>Amount carried forward</i> .....	\$1,750 96

<i>Amount brought forward</i> .....	\$1,750 96
Machine oil.....	42 38
Illuminating oil.....	18 50
Blake feed pump, piping and furnishings.....	106 34
Machine work ... ..	22 45
Boiler insurance and inspection.....	25 00
Packing ... ..	25 10
Repairs on furnace, and new grate.....	27 76
Copper strainer.....	9 32
Soda.....	4 65
Labor trimming coal in shed.....	6 00
Two years' use of telephone.....	40 00
Interest on pump loan.....	570 00
	<hr/>
	\$2,648 46

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*EXTENSION AND CONSTRUCTION EXPENSES.*

Paid—

Wrought iron pipes.....	\$362 91
Cement ... ..	217 74
Valves for main pipe.....	161 20
Freight and express.....	68 65
Teaming and carriage hire.....	68 75
Labor.....	820 08
Stone for canal at South Pond.....	460 00
Pipe relaid on Carver Street.....	53 35
	<hr/>
	\$2,212 68



## SUMMARY.

## Received—

On water rates account.....	\$12,806 51	
On service and labor account.....	690 73	
Of F. F. Emery.....	344 89	
	<hr/>	\$13,842 13

## Paid—

Ordinary expenses.....	\$2,626 70	
Pumping expenses.....	2,078 46	
Interest on water loan.....	5,280 00	
Interest on steam pump loan.....	570 00	
Extension account.....	1,867 79	
Pipe laid for F. F. Emery.....	344 89	
Claim of T. Atwood.....	150 00	
Balance carried to credit of Works, De- cember 31.....	924 29	
	<hr/>	\$13,842 13

Respectfully submitted,

C. O. CHURCHILL,	} <i>Water</i>
NATHANIEL MORTON,	
SAMUEL H. DOTEN,	
H. P. BAILEY,	

*Commissioners.*

# PUMPING RECORD FOR 1884.

46

Month.	Hours Run.	Coal Used in Pumping.	Coal Used in Banking.	Number of Revolutions.	Number of Gallons Pumped.	Gallons Pumped in 1883.
January,	359½	26,085	3,100	316,030	15,017,745	14,315,827
February,	331¼	21,325	2,950	271,026	12,879,155	12,536,108
March,	357	19,865	3,100	279,873	13,299,564	14,141,381
April,	347½	16,375	3,000	252,001	11,975,087	12,671,968
May,	356½	20,710	3,150	299,520	14,233,190	13,981,381
June,	343	27,175	2,900	335,896	15,961,777	12,605,311
July,	363	27,210	3,100	346,347	16,458,409	17,228,131
August,	367½	25,045	3,200	327,954	15,584,374	17,087,336
September,	358½	27,780	3,000	359,100	17,064,432	16,544,610
October,	365	31,285	3,100	370,140	17,589,052	15,699,895
November,	339	22,210	3,000	294,839	14,010,749	15,767,563
December,	359	23,965	3,100	311,482	14,801,624	14,500,442
Totals,	4,246	289,030	36,700	3,764,208	178,875,158	177,079,953

H. F. GIBBS, *Engineer.*

## WATER COMMISSIONERS.

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CHARLES O. CHURCHILL—Term expires March, 1886.

SAMUEL H. DOTEN—Term expires March, 1887.

HORACE P. BAILEY—Term expires March, 1887.

NATHANIEL MORTON—Term expires March, 1885.

EVERETT F. SHERMAN—Term expires March, 1885.

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SUPERINTENDENT—Richard W. Bagnell.

WATER REGISTRAR—Josiah A. Robbins.

CHIEF ENGINEER AT PUMPING STATION—Harrison F. Gibbs.

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Superintendent's office in rear of Engine House, Main Street.

Rates payable at Town Treasurer's office, semi-annually, in advance, May 1 and November 1.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at Town House.

## SUPERINTENDENT'S REPORT.

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OFFICE OF SUPERINTENDENT WATER WORKS, }  
PLYMOUTH, January 1, 1885. }

TO THE COMMISSIONERS OF WATER WORKS:

GENTLEMEN—I herewith submit to you my eleventh annual report, showing briefly the operations of this department, and with pleasure I call your attention to the increasing success of the Works during the year ending Dec. 31, 1884.

### *CONSTRUCTION.*

There has been laid during the year 3,499 feet of wrought iron and cement pipe, at a total cost of \$1,919.87. Of this 209 feet was 2-inch pipe, laid on Highland Street, between Davis and Vernon Streets, at a cost of \$83.72, including the setting of one 2-inch gate.

One thousand two hundred and sixty-one feet of 4-inch pipe laid on Stafford Street, from South Street, at a cost of \$637.53.

Sixteen feet of 4-inch pipe laid on Water Street, and 68 feet of 4-inch laid on Chilton Street, connected with the pipe laid on Water Street and continued up Chilton Street, with 322 feet of 3-inch pipe, and connecting with the 2-inch pipe from Court Street, at a cost of \$199.58, including the setting of one 4-inch gate on Water Street at junction of Chilton Street.

One hundred and seventy-four feet of 4-inch pipe and 49 feet of 3-inch pipe laid on Samoset Street, between Chestnut Street and house of Peter M. Nelson, at a cost of \$105.45.

Four hundred and eight feet of 4-inch pipe laid from South Street to the new school-house, at a cost of \$223.85, including the setting of one 4-inch gate on branch at junction of South Street.

Three hundred and fifteen feet of 2-inch pipe laid on Mill Lane, between Market and Summer Streets, at a cost of \$139.81, including the setting of two 2-inch gates.

One hundred and sixty-four feet of 2-inch pipe laid was the continuation of the pipe on Willard Place, at a cost of \$111.28, including the setting of one 2-inch gate and extending 31 feet of iron pipe to the brook for a waste pipe.

One hundred and twenty feet of 4-inch pipe was an extension on Whiting Street to the house of Josiah Morton, at a cost of \$73.76, including the setting of one 4-inch gate.

Three hundred and sixty-two feet of 4-inch pipe was laid in the rear of F. F. Emery's shoe factory for the purpose of connecting three stand pipes for fire purposes only, at a cost of \$344.89, including the setting of two 4-inch gates.

One hundred and sixty-three feet of the 2-inch pipe on Carver Street, between Middle Street and B. Barnes's house, have been lowered to conform to a change of grade at a cost of \$54.75.

At the last regular town meeting money was appropriated for the widening and grading of Carver Street, which should have included the expense of lowering the water pipes, but the Road Department have refused to compensate the Water Department for the labor of lowering the water pipes, and also the service pipes which the Road Department exposed by the change of grade.

### *SERVICES.*

There have been 49 services put in during the year, at a cost of \$234.53, making a total of 1,212 service pipes attached to the main and distribution pipes, the street length being 24,240 feet. There has been seven leaks in the service pipes this year, the cost of repairs being \$20.92.

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### *STREET MAINS.*

The street mains are in good condition. There have been more leaks in the small pipes than last year, but only a few minor leaks in larger pipes.

Whole number of leaks was 46.

Defective pipe.....	27
Joints .....	18
Corporation blew off .....	1
Total.....	46

Of the leaks that have occurred

In 2-inch pipes.....	22	The cost of repairs..	\$94 64
In 4-inch pipes.....	14	The cost of repairs..	84 02
In 6-inch pipes.....	5	The cost of repairs..	34 31
In 8-inch pipes.....	3	The cost of repairs..	18 30
In 10-inch pipes.....	2	The cost of repairs..	11 27
Total number leaks...	46	Total cost repairs.	\$242 54

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### *GATES.*

Wherever new pipe has been laid a suitable number of gates have been placed. Eighteen new gates have been put in this year. One 4-inch on Middle Street, junction Carver Street; one 2-inch on Carver Street, at junction of Middle Street; one



2-inch on Carver Street alley, at junction of Carver Street ; one 3-inch gate on Mayflower Street, at junction of South Street ; one 2-inch on Chilton Street, junction Court Street ; one 2-inch on pipe at Eel River to the north of the old bridge ; one 4-inch at Sea Side on the northerly street to Plymouth Cordage Company's works, at junction of Court Street.

The above seven gates were set at a total cost of \$127.35. One 2-inch gate was placed on Highland Street at junction of Davis Street ; one 2-inch on Carver Street, in front of Bradford Barnes's house ; one 4-inch on Chilton Street, junction of Water Street ; one 4-inch on the branch of the extension to the new school-house from South Street ; one 2-inch for the pipe on Mil Lane, junction of Market Street ; one 2-inch on Mill Lane for Bradford's Joint Company stand pipe ; one 2-inch on Summer Street, junction Mill Lane, for a stand pipe for sprinkling streets ; one 2-inch on Willard Place for waste pipe ; one 4-inch on Whiting Street ; one 4-inch on pipe that runs to woolen mill from Samoset Street, north of shoe factory branch ; one 4-inch on extension in rear of shoe factory for the stand pipes. The cost of the last eleven gates are included in the cost of the various extensions to which they belong.

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### *RESERVOIR.*

The Reservoir has been kept practically full, furnishing to water-takers, as also to the Fire Department, the highest pressure attainable with our present facilities when the pump is not running. I would renew the recommendation of last year, that there be a new fence built, as it is much needed. Last April I gave the grounds about the Reservoir a dressing of "Stock-bridge Fertilizer," and sowed grass and clover seed on the surface, which has improved the sod on the slopes of the basin, and would recommend the same next Spring.

*BOXES.*

Forty-nine service boxes and two gate boxes have been taken out and replaced by new ones at a cost of \$57.95. The increase of the expenses for maintaining the service boxes is due to the adoption of iron covers.

*NEW TAKERS.*

There has been added to the water takers this year, 47 families, 8 stables, 37 water closets, 6 bathing tubs, 1 laundry, 1 saloon, and 1 library.

*LABOR.*

Whole amount expended for labor during the year..	\$1,723 98	
Amount paid for labor on extensions ...	\$819 63	
Amount paid for lowering the distribution and services pipes on Carver Street.....	53 35	
Amount paid for all other labor .....	851 00	
		\$1,723 98
Amount received for labor trenching....	\$411 12	
Amount received for shutting off services	60 60	
Amount due from Road Department for lowering pipe .....	53 35	
		525 07
Total cost of labor during the year, less refunded.	\$1,198 91	

### SCHEDULE

Showing the number of feet of each size of pipe, and the number and size of stop-gates on the Works Dec. 31, 1884:

SIZE IN INCHES.	LENGTH OF PIPE IN FEET.	NO. OF STOP GATES.
20	56	
12	64	2
10	18,362	8
8	4,616	8
6	8,915	9
4	41,212	50
3	9,264	12
2	29,282	62
1	1,861	7
<hr/> 66	<hr/> 113,632	<hr/> 158

The street length of service pipes being 24,240 feet, with the main and distribution pipes, makes a total of 137,872 feet of pipe, or 26 miles and 592 feet.

All of which is respectfully submitted,

R. W. BAGNELL, *Superintendent.*

## REPORT OF THE OVERSEERS OF THE POOR.

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The undersigned Overseers of the Poor submit the following report:

The calls for aid from the poor outside do not vary materially from the previous year. The poor who are inmates of the Almshouse, we do not hesitate to claim, are kindly and considerately treated, carefully looked after, are comfortably clad, and are furnished with good and abundant food.

During the past summer, Mr. Oliver T. Wood, who has served the Town faithfully for twenty years as Superintendent of the Almshouse, finding from age and failing health that he was unable longer to perform the duties, resigned, and Mr. Obed C. Pratt was appointed to take his place.

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Balance undrawn Jan. 1, 1884.....	\$393 92
The Town raised for support of the poor the past year ....	6,500 00
Received from other towns for supplies furnished their poor.....	1,223 10
Received from Murdock Fund.....	18 25
	<hr/>
	\$8,135 27
Amount expended .....	\$7,710 35
Amount unexpended .....	424 92
	<hr/>
	\$8,135 27

*INSANE POOR.*

Amount expended .....	\$1,966 80
Balance undrawn Jan. 1, 1884.....	\$258 27
Amount appropriated for insane poor...	1,250 00
Amount received as reimbursements ....	357 87
	<hr/>
	1,866 14
	<hr/>
Overdrawn .....	\$100 66

*POOR AT THE ALMSHOUSE.*

Number of inmates Jan. 1, 1884.....	18
“ admitted during the year .....	6
“ discharged during the year ... ..	1
“ died during the year ... ..	7
“ remaining Jan. 1, 1885 .....	16

*INSANE POOR.*

Number at the hospitals Jan. 1, 1884.....	9
“ admitted during the year .....	3
“ discharged during the year ... ..	0
“ died during the year .....	1
“ remaining Jan. 1, 1885 .....	11

GEORGE H. JACKSON, }  
 JOHN CHURCHILL, } *Overseers*  
 CHARLES P. HATCH, } *of the Poor.*

## FIRE DEPARTMENT.

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TO THE HONORABLE THE BOARD OF SELECTMEN :

GENTLEMEN : I herewith submit my first annual report, for the year 1884 :

### *THE FORCE OF THE DEPARTMENT.*

It consists of six Engineers, with a working force of 142 men, including twenty call members at North Plymouth on pay only at time of service.

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### *APPARATUS.*

The apparatus consists of two steam fire engines, with hose carriages carrying 700 feet of hose each ; two hand engines with hose carriages carrying 500 feet of hose each ; four independent hose carriages with from 300 to 500 feet of hose each ; one force pump located at Samuel Loring's factory ; one hook and ladder carriage carrying 225 feet of ladders, with necessary hooks and axes. All the above apparatus is in good working order.

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### *HOSE.*

We have in use at this time 4,500 feet of hose, having purchased 500 feet the present year ; all in good order.



### *BUILDINGS.*

The buildings of the Department owned by the Town are in good condition, the brick building occupied by the steamers having been repaired the past year.

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### *HYDRANTS AND RESERVOIRS.*

The number of hydrants is now 59, four having been added the past year, of the most approved pattern. There are five reservoirs, all in good order, except that at the Green, which leaks slightly. The one in Shirley Square has been repaired the past year at small expense.

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### *FIRES.*

There have been but four fires during the year 1884 :—

- Feb. 2. Building occupied by J. B. Wilson, Jr., furniture ; damage to building and contents, \$3,500.
- Feb. 3. Woolen mills store house ; damage, \$250.
- May 3. House of late David Turner ; damage slight.
- Aug. 6. House owned by Seth Paty ; loss, \$300 ; no insurance.
- Nov. 8. Alarm for slight fire in building owned by Plymouth Woolen Company.

*FINANCE.*

Cr.

By appropriation .....	\$3,000 00	
By reimbursements .....	4 06	
	<hr/>	\$3,004 06

Dr.

To expenditures .....	2,953 20	
Balance .....	<hr/>	\$50 86
		<hr/>

It is estimated that an appropriation of \$3,000 will provide for the expenses of the year, and is recommended.

It is the opinion of the Board of Engineers that the old hand engine, No. 4, located on Watson's Hill, is of little use in the Department, and would recommend that it be retired after the present year.

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*CONCLUSION.*

In conclusion, I would tender my thanks to my associates on the Board of Engineers, and also to the officers and men of the Department for their promptness in responding to all calls made upon them at all times, and for their quiet and effective work when on duty ; and to all not members of the Department who have rendered us assistance in any way, I would tender my sincere thanks.

Respectfully submitted,

H. P. BAILEY,

*Chief Engineer of the Plymouth Fire Department.*

## Duxbury & Cohasset Railroad Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN: We respectfully submit the following final report of the Sinking Fund of the Duxbury & Cohasset Railroad :

Whole amount received from Town Treasurer . . . . .	\$18,693 20
Income received on same . . . . .	5,137 36
Profit on same . . . . .	2,090 63
	<hr/>
	\$25,921 19
Less amount transferred to Water Scrip Sinking Fund . . . . .	2,000 00
	<hr/>
	<u>\$23,921 19</u>

The amount of \$23,921.19 was paid to the Town Treasurer, and his receipt was taken.

JNO. J. RUSSELL, }  
 GEORGE G. DYER, } *Trustees.*  
 ISAAC BREWSTER, }

PLYMOUTH, Feb. 3, 1885.

## Flymouth Water Scrip Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN: We respectfully submit the statement of the condition of the Sinking Fund of the Plymouth Water Scrip at this time :

Amount received of Town Treasurer.....	\$1,759 43
Amount received of Trustees of the Duxbury & Cohasset Railroad Sinking Fund ... ..	261 60
Income received from same .....	673 34
	\$2,694 37

The amount is invested in—

Mansfield & Framingham Railroad bonds, 6 per cent.....	\$1,025 67
United States bonds, 4 per cent.....	1,200 50
Central Massachusetts Railroad stock, 21 4-5 shares.	261 60
Plymouth Savings Bank .....	206 60
	\$2,694 37

[ W. H. NELSON,  
GEORGE G. DYER. } *Trustees,*

PLYMOUTH, Jan. 29, 1885.

## TOWN CLERK'S REPORT.

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### *MARRIAGES REGISTERED IN PLYMOUTH IN 1884.*

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- Jan. 1. Alexander Morrison of Plymouth and Margaret J. McDonald of Wareham. Married in Wareham.
- Jan. 12. Henry Steidle and Emma C. Nickerson, both of Plymouth.
- Jan. 17. John W. Weston and Tirzah W. Perry, both of Plymouth. Married in Wareham.
- Jan. 21. William Moning and Carrie J. Hurley, both of Plymouth. Married in Boston.
- Jan. 24. Zenas E. Langford and Hannah W. Doten, both of Plymouth.
- Jan. 27. Marcus Temple of East Bridgewater and Susan D. Eliot of Plymouth.
- Feb. 3. William M. Snow and Fannie A. Burgess, both of Plymouth.
- Feb. 14. William T. Hatton, Jr., and Katie W. Weir, both of Plymouth.
- Feb. 20. Peter Mahler and Mary Beaman, both of Plymouth.
- Feb. 23. Winslow A. Wright of Plymouth and Sarah E. Wrightington of Wareham.
- Feb. 26. William W. Simmons and Augusta S. Simmons, both of Plymouth.

- Mar. 1. Williard C. Butler and Martha B. Atwood, both of Plymouth. Married in Franklin.
- April 2. Fred A. Whiting and Emma J. Eddy, both of Plymouth.
- April 6. Elmer E. Dunton of Plymouth and Elizabeth G. Morrison of Weymouth. Married at Weymouth.
- April 9. Seth Pratt of Hanson and Sarah A. Dean of Plymouth.
- April 16. Truman H. Holmes and E. Addie Ward, both of Plymouth.
- April 24. Charles B. Brewster of Plymouth and Emma F. Hertel of Boston. Married in Boston.
- April 26. William Sherman and Olive E. Goodwin, both of Marshfield.
- April 29. Emil Knock and Amelia Kruger, both of Plymouth.
- May 1. Edwin S. Paulding and Carrie F. Lucas, both of Plymouth.
- May 5. George H. Doten and Susie N. Davis, both of Plymouth.
- May 8. Andrew Morton, Jr., and Mary A. Smith, both of Kingston.
- May 18. Raffaello Graneize and Concetta Bernato, both of Plymouth.
- May 22. Jacob Rudolph and Louisa Henrich, both of Plymouth.
- May 28. Henry E. Llewellyn of Rockland and Harriet G. Snow of Plymouth.
- May 31. George A. Manter and Sarah Anderson, both of Plymouth.
- June 1. Simon Lavacke and Hattie B. De Costi, both of Plymouth.
- June 18. Francis E. Fuller of Taunton and Josephine D. Perkins of Plymouth,



- June 18. George E. Allen and Jennie Mellinick, both of Plymouth.
- June 24. Cornelius Drew and Mary F. Dickson, both of Plymouth.
- June 25. Dixon W. Seaver of Carthage, Mo., and Cora M. Alden of Duxbury.
- June 25. Walter H. Nelson and Clara H. Wood, both of Plymouth.
- July 6. George H. Hemler of Boston and Flora K. Klingenhagen of Plymouth.
- July 20. Peter Schneider and Elizabeth Weigel, both of Plymouth.
- July 24. Henry Weigel and Martalena Peck, both of Plymouth.
- July 31. Sidney Wrightington and Adeline Holmes, both of Plymouth.
- July 31. Edwin H. Hosmer of Plymouth and Grace M. Briant of Lewiston, Me. Married in Lewiston.
- Aug. 5. Frederick O. Bradford and Delia W. Doten, both of Plymouth.
- Aug. 8. Joseph W. Hartfon and Mary A. Briggs, both of Kingston.
- Aug. 12. George E. Lincoln and Ellen J. White, both of Plymouth. Married in Boston.
- Aug. 19. Edward L. Chamberlain of Webster and Clementina J. Cahoon of Plymouth.
- Aug. 23. Alfred W. Sampson and Julia E. Nickerson, both of Plymouth.
- Aug. 27. Albert F. Saunders of Plymouth and Annie Cushing of Plympton. Married in Kingston.
- Aug. 27. Alvin E. Nightingale of Plymouth and Eva F. Leonard. Married in Rhode Island.

- Aug. 28. Frederick B. Knapp of Plymouth and Fanny M. Powers of Cambridge.
- Aug. 31. John E. Andrews of Warren, Me., to Elizabeth C. Pratt of Plymouth.
- Sept. 4. John W. Hallinan of Natick and Ellen J. Devine of Plymouth.
- Sept. 6. Thomas H. Raymond of E. Rochester and Sarah Pierce of Plymouth.
- Sept. 13. Cyrus R. Doty and Mary E. Hatton, both of Plymouth.
- Sept. 25. Walter A. H. Jones and Laura E. Tripp, both of Plymouth.
- Oct. 1. George F. Holmes and Mary T. Whiting, both of Plymouth.
- Oct. 2. William E. Rogers and Hattie A. Gilbert, both of Plymouth. Married in Brockton.
- Oct. 2. Michael H. Marr and Nellie Cassidy, both of Plymouth.
- Oct. 13. John Collins and Catharine Doyle, both of Plymouth.
- Oct. 21. Albert E. Caswell of Plymouth and Mary E. Raymond of Plympton.
- Oct. 23. Walter H. Brown and Marietta Burbank, both of Plymouth.
- Oct. 23. Theodore C. Gram of E. Boston and Emma Hensel of Plymouth.
- Oct. 29. John H. Langley of Boston and Lucy M. Swift of Plymouth.
- Nov. 1. William M. Brown of Kingston and Maggie A. Morrison of Plymouth.
- Nov. 1. Mannie F. McHenry and Jennie B. O'Brien, both of Plymouth. Married in Kingston.
- Nov. 6. Nathaniel C. L. Luther of Plymouth and Belle A. Dudley of Oxford, Me.

- Nov. 6. Alfred H. Shuster and Catharine B. Denson, both of Sandwich.
- Nov. 6. Melzar B. Sampson of Plymouth and Lucy L. Duncan of Taunton. Married in Taunton.
- Nov. 18. George Simes and Charlotte Crewe Read, both of Plymouth. Married in Boston.
- Nov. 22. Lauchlin D. McLean and Sarah C. Morrison, both of Plymouth.
- Nov. 26. Samuel W. Whitmore and Jennie E. Jackson, both of Plymouth.
- Nov. 26. Nathan A. Howes of Dennis and Helena W. Ellis of Plymouth.
- Nov. 26. Kendall W. King, Jr., and Eliza H. Wheeler, both of Plymouth.
- Nov. 26. James McGee and Mary Donahue, both of Plymouth.
- Dec. 6. Henry A. Jordan and Hannah Nickerson, both of Plymouth.
- Dec. 11. Charles M. Ellis of Plymouth and Annie B. Eames of Belfast, Me. Married in Belfast.

## BIRTHS REGISTERED IN PLYMOUTH IN 1884.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1884.				
Jan. 1,	John Edson Melix,	Horatio and Georgianna,	Plymouth,	Plymouth.
" 2,	Annie J. Lynch,	John J. and Bridget A.,	New York,	Ireland.
" 3,	Alexander H. P. Bessee,	Elisha G. and Anne Eliza,	Wareham,	Nantucket.
" 3,	Elmer Morton Tirrell,	Lester E. and Hattie S.,	Weymouth,	Brockton.
" 6,	Hattie Eveline Wall,	William H. W. and Eveline C.,	Plymouth,	Plymouth.
" 6,	Henry Bartlett Wall,	William H. W. and Eveline C.,	Plymouth,	Plymouth.
" 7,	Percy Rinaldo,	Paul B. and Mary A.,	Boston,	Falmouth.
" 7,	Paul Rinaldo,	Paul B. and Mary A.,	Boston,	Falmouth.
" 15,	Jacob Peck,	John and Margaret,	Boston,	Germany.
" 21,	Mary L. Ferdinand,	Joseph and Mary L.,	Western Islands,	Western Islands.
" 23,	Harry Warren Hunnewell,	Frank S. and Isabella L.,	Ellsworth, Me.,	Bangor, Me.
" 30,	Charles Howland,	Charles H. and Eunice B.,	Plymouth,	Plymouth.
" 31,	John Peter Kettler,	Peter and Gertrude K.,	Germany,	Germany.
" 31,	Mary Alice Bradford,	Louis K. and Almira W.,	Plymouth,	Plymouth.
Feb. 2,	Mary Rosa Miller,	Adam and Mary,	Germany,	Germany.
" 2,	Dellina Costa,	Dominica and Mary,	Italy,	Italy.
" 2,	Laura Mahler,	Jacob and Margaretta,	Germany,	Germany.
" 5,	Natalie J. B. Gerfae,	Joseph V. and Vitta,	Italy,	Italy.
" 11,	William Thomas Bennison,	George F. and Fanny,	Newark, N. J.,	Plymouth.
" 14,	Katie Bridget Norton,	James and Mary,	Ireland,	Ireland.

Feb. 19,	Harry E. Kostner,	Charles and Lizzie R.,	Great Barrington,	Plymouth.
" 24,	Thomas Rogan,	Thomas J. and Mary E.,	Lowell,	Randolph.
" 25,	William Russel Wood,	Charles C. and Betsey G.,	Plymouth,	Plymouth.
" 27,	Bradford,	Cornelius F. and Mary E.,	Plymouth,	Sandwich.
March 4,	Sylvia Kimball Bartlett,	John F. and Emma F.,	Plymouth,	Plymouth.
" 10,	Frank Delano Rogers,	Frank and Marcia B.,	Plymouth,	Plymouth.
" 13,	Chester Copeland Morton,	George S. and Lucinda,	Plymouth,	Taunton.
" 18,	Frank W. Raymond,	John F. and Carrie R.,	Plymouth,	Scotland.
" 18,	John Joseph Taylor,	George F. and Maggie M.,	Middleboro,	Boston.
" 18,	Effie Frances Sears,	Fred. L. and Dora F.,	Plymouth,	Plymouth.
" 19,	Harrison Warren Robbins,	Heman and Harriet Eliza,	Jersey City,	Portland.
" 22,	Robina Flockton,	William H. and Alice A.,	Plymouth,	Middleboro.
" 23,	Orin B. Sherman,	Orin B. and Betsey M.,	Plymouth,	Providence, R. I.
" 24,	Robert Irving Bramhall,	Wilbur F. and Clara B.,	Plymouth,	Plymouth.
" 24,	John A. Richmond,	John A. and Isabella N.,	Plymouth,	Plymouth.
" 26,	Horace M. Saunders,	Horace M. and Catharine S.,	Portsmouth, N. H.,	Plymouth.
" 26,	Rosie Elizabeth Haupt,	Joseph and Mary E.,	Germany,	Germany.
" 28,	Mary Mute,	Domencio and Artemezzae R.,	Italy,	Italy.
" 30,	John Sullivan,	Bartholomew and Annie S.,	Plymouth,	Bridgewater.
April 1,	Clara Agnes McLean,	Alexander K. and Effie B.,	Plymouth,	Plymouth.
" 2,	James Silas Alton Valler,	Silas and Rhoda,	Plymouth,	Halifax, N. S.
" 3,	Ernest A. Pierce,	Charles A. and Laura,	Plymouth,	Rochester.
" 4,	Lilla Florence Mahuren,	Nahum J. and Mary E.,	Plymouth,	Duxbury.
" 5,	Bernice Alden Bartlett,	Temple H. and Emma,	Plymouth,	Plymouth.
" 7,	Alfred Lawrence Coupe,	William and Mary E.,	Blackburn, Eng.,	Plymouth.
" 9,	Josiah A. E. Howard,	Josiah B. and Cynthia T.,	Plymouth,	Plymouth.
" 13,	Elizabeth G. Gallier,	Nicholas and Annie,	Germany,	Germany.
" 14,	Hattie May Morse,	Edward K. and Hannah I.,	Plymouth,	Fairhaven.
" 18,	Sadie Jennette Rice,	Charles and Laura Louise,	England,	Falmouth.
" 21,	Joseph Costa,	Luigi and Mary,	Italy,	Italy.
" 26,	Charles Clifton Morton,	William P. and Hattie C.,	Plymouth,	Plymouth.
" 26,	Emile Basler,	Peter and Barbara,	Germany,	Germany.
" 30,	George W. Chase,	Walter H. and Minnie J.,	West Harwich,	Pembroke.
May 1,	Mabel Labrache,	Joseph T. and Katie A.,	Canada,	Hopkinton.
" 2,	Gad R. Bartlett,	Peleg S. B. and Hattie M.,	Wareham,	Plymouth.



## BIRTHS — Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1884.				
May 7,	Lexzinnia Terior,	Benjamin and Amelia,	Nova Scotia,	Nova Scotia.
" 9,	Ernest Briggs Fraser,	William A. and Lucy E.,	Raynham,	Marshfield.
" 13,	Harry Richmond Tabot,	Richmond and Frances A.,	South Scituate,	South Scituate.
" 15,	Alton H. Douglass,	Elisha T. and Annie E.,	Plymouth,	Rochester.
" 18,	Alice Clifton Paulding,	George B. and Bertha C.,	Plymouth,	Plymouth.
" 18,	Kate Leichly,	Lewis and Lexie,	France,	Cape Breton.
" 21,	Horace Heath,	Michael F. and Josephine,	Plymouth,	Nova Scotia.
" 21,	John Michael Callahan,	Daniel and Catharine,	Ireland,	Ireland.
" 23,	Edward B. Nightingale,	Lorenzo L. and Minnie,	Plymouth,	Wauquoit.
" 24,	Elean Wasson,	Alexander and Theresa C.,	Scotland,	Boston.
" 24,	Helen M. Gooding,	Benjamin W. and Lydia S.,	Plymouth,	Duxbury.
" 24,	Grace Imogene Carpenter,	Samuel and Sarah L.,	East Poland, Me.,	Oxford, Me.,
" 24,	George William Mauss,	Bartholomew and Wilhelmina,	France,	Roxbury.
" 25,	Ernest Holmes,	Solomon M. and Rebecca F.,	Plymouth,	Plymouth.
" 26,	Augustus E. Burgess,	Vinal F. and Caroline R.,	Plymouth,	Plymouth.
" 28,	John Carlton Kendrick,	James F. and Susan M.,	Plymouth,	Plymouth.
June	Marietta Burbank,	Arthur W. and Ruth H.,	Plymouth,	Plymouth.
	Willie Herbert Erickson,	John A. and Annie B.,	Sweden,	Sweden.
	John Weber,	Charles and Rosa,	Germany,	France.
	Lyman Chester Tripp,	Lyman F. and Emma L.,	Westport,	Dighton.
	Gertrude May Davis,	Charles H. and Cordelia R.,	Falmouth,	Plymouth.
	George Jacob Shaw,	Roland H. and Maria E.,	Carver,	Nova Scotia.
	James E. Shaw,	Roland H. and Maria E.,	Carver,	Nova Scotia.
	Lottie Frederika Churchill,	Fred L. and Mary N.,	Plymouth,	Plymouth.



June 11,	Annie Madden,	James J. and Susan M.,	Millford,	Medway.
" 12,	John Melvin Holmes,	Robert M. and Sarah S.,	Plymouth,	North Bridgewater.
" 17,	Frederick Russell Snow,	William N. and Fannie A.,	Plymouth,	Plymouth.
" 23,	Herbert Percy Finney,	James H. and Edith,	Plymouth,	Nova Scotia.
" 24,	Ethel Clifton Bartlett,	Orin C. and Beulah J.,	Plymouth,	California.
" 25,	Benjamin W. Towns,	J. Wallace and Augusta F.,	Plymouth,	Duxbury.
" 26,	— Stoddard,	William P. and Annie C.,	Plymouth,	Plymouth.
" 27,	Elisia D. Wood,	William H. and Arabella D.,	Plymouth,	Wareham.
July 2,	Pauline Barbet Dries,	Antoine and Paulina B.,	Germany,	Germany.
" 2,	John Carver Fuller,	Joseph C. and Susie F.,	Plymouth,	Plymouth.
" 7,	Bertha Antoinette Finney,	Clark and Antoinette C.,	Plymouth,	Sandwich.
" 14,	Caroline Morgan,	Richard H. and Joanna W.,	New Bedford,	Plymouth.
" 14,	Charles Davis Morgan,	Richard H. and Joanna W.,	New Bedford,	Plymouth.
" 14,	Frederick Harold Wright,	William H. and Mary A.,	Canada,	East Bridgewater.
" 15,	Sarah Elizabeth Wolf,	John and Nellie R.,	Germany,	Boston.
" 16,	Bertha May Stevens,	Charles E. and Elenia A.,	Nova Scotia,	
" 16,	Joshua Laurence Taylor,	Patrick and Sarah J.,	Cape Breton,	Plymouth.
" 17,	Laban Burt Briggs,	Laban B. and Ella S.,	Plymouth,	Plymouth.
" 19,	Winslow B. Sherman,	Charles W. and Susan S.,	Plymouth,	Pembroke.
" 21,	Howard D. Yates,	Walter J. and Martha B.,	Northboro,	Providence, R. I.
" 25,	Sadie May Hatton,	William T. and Catharine B.,	East Wareham,	Nova Scotia.
" 26,	Gertrude Linwood Mahler,	Peter and Mary F.,	Plymouth,	Plymouth.
Aug. 1,	Warren F. Sears,	Nathaniel M. and Bessie,	Kingston,	
" 6,	Charles Harrison Tobey,	Harrison L. and Helen M.,	New Bedford,	South Boston.
" 8,	Dora Elizabeth McLaughlin,	William H. and Dora,	Plymouth,	Scotland.
" 9,	Amy Franklin Holmes,	George and Addie,	Plymouth,	Plymouth.
" 14,	George Franklin Ward,	Benjamin F. and Abbie B.,	Carver,	Plymouth.
" 18,	Morton Collingwood,	James A. and Natalie H.,	Plymouth,	Boston.
" 19,	Arthur Lawton Ellis,	Charles and Hannah A.,	Plymouth,	Plymouth.
" 22,	John Schaffer,	Charles and Christina,	Germany,	Germany.
" 24,	Eva May Pratt,	James W. and Hortensia E.,	Nova Scotia,	Falmouth.
" 24,	Robert Francis Callahan,	Eugene and Ellen M.,	Ireland,	Ireland.
" 25,	Lillian Perkins Newhall,	Leander P. and Carrie E.,	Plymouth,	Rochester.
" 25,	Henry W. Nelson,	George W. and Jennie,	Plymouth,	England.

# BIRTHS -- Continued.

DATE.	NAMES.	NAMES OF PARENTS.		BIRTHPLACE OF PARENTS.	
				FATHER.	MOTHER.
1884.					
Aug. 26,	Thomas Leslie Cassidy,	Samuel and Mary F.,	Ireland,	East Bridgewater.	
" 26,	Mary Griffin,	James M. and Maggie F.,	Ireland,	Ireland.	
" 27,	Lida May Bassett,	Edward E. and Mary F.,	Plymouth,	Plymouth.	
" 29,	Freddy Tinan McNeil,	James and Mary,	Scotland,	Milford.	
" 29,	Morton L. Robbins,	Chauncey M. and Bethia E.,	Plymouth,	Wareham.	
" 29,	Ralph Clifton Morrison,	Simeon H. and Nancy W.,	Nova Scotia,	Plymouth.	
" 30,	Martha Frances Sampson,	Jesse and Deborah,	Plymouth,	Plymouth.	
" 30,	Martha Frances Weston,	Robert H. and Lucia R.,	Plymouth,	Plymouth.	
" 31,	Annie Lois Morrison,	Alexander and Margaret J.,	Monument,	Nova Scotia.	
Sept. 1,	John K. Kelly,	James S. and Mary,	Holton, Me.,	Scotland.	
" 2,	Leonard A. Nightingale,	David W. and Idella,	Plymouth,	Martha's Vineyard.	
" 8,	Ada Luella Walker,	John G. and Ada A.,	Plymouth,	Plymouth.	
" 11,	Nellie May Dean,	Josiah V. and Mary J.,	Easton,	Plymouth.	
" 12,	Edith Foster Milburn,	Edward and Mary J.,	Boston,	Plymouth.	
" 12,	Lillian Evelyn T. Burgess,	Ezra T. and Ellen S.,	Plymouth,	Fredericksburg, Va.	
" 14,	Nellie Nye Eldredge,	William T. and Flora A.,	Chelsea,	Monson.	
" 18,	Annie Sullivan,	John E. and Eliza A.,	Plymouth,	Plymouth.	
" 18,	Walter Chaplin Holmes,	Fred. L. and Margaret H.,	Plymouth,	Quincy.	
" 19,	Harold C. Weeks,	John H. and Addie C.,	Plymouth,	Plymouth.	
" 21,	Della Galligan,	Thomas B. and Della,	Boston,	Plymouth.	
" 21,	Jacob Rudolph,	Jacob and Louisa,	East Taunton,	Canada.	
" 26,	Mercie Brown Atwood,	Calvin F. and Abby J.,	Germany,	Plymouth.	
" 26,	Susie F. Pierce,	George F. and Susan H.,	Revere,	Plymouth.	
" 28,			Plymouth,		

Oct.	1,	Royal Harden Nickerson,	Joseph M. and Lottie G.,	Nova Scotia,	Plymouth.
"	3,	Edward F. Parker,	Edward B. and Joanna,	Middleboro,	Plymouth.
"	4,	Bernice Frances Griffin,	Herbert L. and Content C.,	Plymouth,	Plymouth.
"	6,	Annie Basler,	John and Mary,	Germany,	Germany.
"	8,	Alfred S. L. White,	Pascal H. and Sarah A.,	Nova Scotia,	Plymouth.
"	9,	Andrew Leslie Lafayette,	Louis N. and Margaret J.,	Vermont,	Kingston.
"	13,	Mary Ellen Nickerson,	Warren S. and Emily J.,	Nova Scotia,	Nova Scotia.
"	16,	Leonard F. Haskell,	Charles C. and Alice,	Plymouth,	Maine.
"	17,	Helen Winchester Clark,	William H. and Lucy J.,	New Bedford,	Plymouth.
"	22,	William Martin Curley,	Martin and Mary Agnes,	Ireland,	Ireland.
"	23,	Alice Mahoney,	John J. and Mary Frances,	Milbury,	Quincy.
"	24,	Lydia Catharine Allen,	George E. and Jennie,	Plymouth,	Baltimore, Md.
Nov.	8,	Harold W. Paty,	Seth W. and Nannie B.,	Plymouth,	Plymouth.
"	12,	Henry Elson Boudrot,	Michael and Philomena,	Nova Scotia,	Nova Scotia.
"	20,	Bertha May Raymond,	James H. and Lucinda,	Plymouth,	Plymouth.
"	21,	Orin Esdale Clark,	James H. and Irene,	Plymouth,	Nova Scotia.
"	27,	Belva Pratt,	Henry E. and Laura,	East Bridgewater,	Pembroke.
Dec.	14,	Lucy May Carnes,	William H. and Lucy A.,	Plymouth,	Plymouth.
"	16,	Jennette B. Holmes,	Charles H. and Emma F.,	Plymouth,	Plymouth.
"	24,	Mabel Parks,	Levi A. and Jennie S.,	New Brunswick,	New Brunswick.
"	24,	Mary Jane Mawby,	William H. and Sophia P.,	Wareham,	Duxbury.
"	25,	Henry Luther Raymond,	Charles H. and Phebe J.,	Plymouth,	Nova Scotia.
"	25,	Charles Marston Pratt,	Frank H. and Fanny,	Plymouth,	Plymouth.
"	26,	Addie Frances Hall,	John F. and Adelaide E.,	Plymouth,	Plymouth.

# DEATHS REGISTERED IN PLYMOUTH IN 1884.

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DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days		
1884.						
Jan. 1,	Philip O'Connell,	39	—	—	Pneumonitis,	Dennis and Hannah.
" 2,	Lacy Emily Bagnall,	61	3	20	Apoplexy,	Benjamin and Lucy.
" 4,	Jerusha Clark,	89	5	12	Old Age,	Cornelius and Jerusha Morey.
" 5,	Lydia B. Dunbar,	22	3	—	Puerperal Convulsion,	Wm. N. and Susan N. Magee. Died in
" 6,	Seth Morton,	86	1	—	Old Age,	Seth and Mercy. [E. Weymouth.
" 6,	Elizabeth Murray,	56	—	—	Phthisis Pulmo,	John and Johanna Lynch.
" 6,	Edward W. Drew,	48	6	—	Valv. Dis-ease of Heart,	Winslow and Abby.
" 9,	John Ryan,	60	—	—	Pneumonia,	Died in Kingston.
" 11,	John Edson Melix,	—	—	—	Premature Birth,	Horatio and Georgianna.
" 13,	Lottie Dean Mellen,	—	4	—	Gastro Duodenitis,	Albert and Francis L. Died in Boston.
" 13,	Jane Richardson,	70	9	—	Apoplexy,	Charles and Eleanor Venson.
" 15,	William Nickerson,	79	11	11	Suddenly,	Seth and Maria.
" 17,	Samuel N. Millington,	45	5	4	Apoplexy,	John and Mary Ann.
" 20,	Frederick W. Robbins,	57	—	26	Paralysis,	Josiah and Rebecca.
" 20,	Sally Howland,	88	4	14	Old Age,	William and Sarah Corlew.
" 21,	Walter Payson Howe,	2	6	17	Brain Fever,	Charles N. and Hannah T.
" 22,	Nancy W. Ellis,	60	4	29	Consumption,	William H. and Betsey Swift.
" 25,	Abigail B. Judson,	92	10	4	Paralysis,	Adoniram and Abigail.
" 29,	Hannah Elizab'h Bosworth	45	5	25	Epilepsy,	Orin and Betsey B.
" 29,	John Kingsley,	60	—	—	Fatal Syncope from Cut Foot,	William and Dora.
Feb. 1,	Zoeth Clark,	60	5	12	Septæmia,	John and Abigail.
" 8,	Henry Brhman,	62	7	5	Consumption,	Andrew.
" 9,	John W. Perry,	45	4	25	Dilatation of Heart,	Daniel and Mary.
" 10,	Patience Morse,	35	4	24	Pulmonary Consumption,	William B. and Sylvia J.
" 12,	Henry Briggs,	61	8	1	Typhoid Pneumonia,	Samuel. Died in South Hanson.



# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1884.						
Feb. 13,	Hannah T. Holmes,	67	1	13	Abdominal Disease,	Job and Hannah T. Churchill.
" 18,	Enma Larkins Simmons,	1	6	1	Diphtheria,	Robert L. and Rhoda E.
" 21,	Oliver Edes,	68	3	11	Bright's Disease,	Oliver.
" 22,	Elizabeth Sampson,	88	8	3	Old Age,	William and Elizabeth Sherman.
" 24,	Eliza O. Cox,	81	4	11	Old Age,	Oliver and Sally Kempton.
" 26,	Frank Warren Gibbs,	17	1	16	Pulmonary Consumption,	Warren and Nancy E.
" 27,	Bradford,	—	—	2hs	Premature Birth,	Cornelius F. and Mary E.
" 97,	Nathan B. Sampson,	51	10	15	Rheumatic Fever,	Truman and Ruth C.
March 4,	Charles F. Perkins,	24	2	4	Pulmonary Phthisis,	Charles H. and Mary E.
" 7,	Charlotte Pickard,	59	—	—	Brain Disease,	Benjamin and Charlotte.
" 8,	Hannah Goodwin,	87	2	—	Old Age,	Lewis and Hannah Harlow.
" 10,	Mary Ann Warren,	48	3	15	Suddenly,	Winslow and Margaret.
" 16,	Betsey Doten,	60	11	19	Recorded in Hanson,	John and Ellen Hughes. Died in No.
" 28,	Belinda Paulding,	44	8	—	Pulmonary Congestion,	John J. and Joanna Nutter. Died in
April 3,	Elijah Walker,	80	—	—	Insane,	[Lowell.
" 7,	Mary M. Leach,	72	8	6	General Debility,	Caleb and Lydia Finney.
" 10,	Alba Wood.	63	9	2	Mortification,	Alba and Huldah.
" 16,	Abia P. Bartlett,	94	10	25	Heart Disease,	William and Abia Parsons.
" 11,	Susan W. Leach,	49	3	19	Chronic Disease of Stomach,	William and Susan Hall.
" 12,	John W. Weston,	30	10	10	Chronic Disease of Kidneys,	Henry and Henrietta.
" 14,	Sarah A. Pratt,	48	1	29	Suddenly,	Ichabod and Mary Dean.
" 19,	Sadie Janette Rice,	—	—	1/2	Feeble from Birth,	Died in
" 20,	Laura Louise Rice,	34	7	5	Bright's Disease,	[Hanson.
" 29,	Betsey Pierce,	39	—	19	Heart Disease,	Charles and Laura Louisa.
" 21,	Caroline M. Brown,	73	—	5	General Debility,	Louis and Susan Grant.
" 25,	Francis Rogers,	63	—	15	Disease of Liver,	Michael and Sarah.
						Nathaniel and Rhoda Wood.

# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Mos.	Days.		
1884.						
April 27,	Amelia Burtch,	39	6	4	Abdominal Tumor,	Elias and Kate Irish.
" 27,	Nancy Cotton Weston,	58	2	14	Hemorrhage from Larynx,	Joseph and Jane Barnes. [dusky, O.
May 1,	Foster Brown,	—	5	—	Inanition,	Geo.W. and Hannah M. Died in San-
" 9,	Mercy Warren Raymond,	66	10	2	Disease of Brain,	Thomas and Lovica McGlathlin.
" 19,	John James McGrath,	22	10	7	Recorded in Kingston,	Robert and Catharine. Died in Kings-
" 29,	Judith Hovey,	81	—	9	Old Age,	Charles and Annie Witherell. [ton.
June 3,	Edmund Robbins,	74	10	—	Enlargement of Prostrate,	William and Lois.
" 7,	Alvorado W. Wrightington	58	4	22	Recorded in Taunton,	Joseph and Lucy. Died in Taunton.
" 8,	Catharine Burgess,	69	4	—	Bronchitis,	John and Susan Burgess.
" 12,	Ann Ryan,	67	9	—	Paralysis,	Patrick and Mary Courtney. [water.
" 18,	Irena Robbins Vaughn,	43	11	28	Typhoid Fever,	Jacob and Matilda Perry.Died in Bridge-
" 21,	Abby W. Briard,	41	—	—	Puerperal Fever,	Lewis S. and Nancy B.Wadsworth. Died
" 23,	Richard Pierce,	73	4	21	Heart Disease,	Richard and Joanna. [in New York.
" 24,	Mary Clark,	90	4	6	Old Age.	William and Elizabeth Rogers.
" 27,	— Stoddard,	—	—	5hs	Feeble at Birth,	William P. and Annie C.
" 29,	Andrew Charles Scott,	22	8	8	Peritonitis,	Angus and Jane.
July 1,	Sarah C. Hovey,	84	6	1	Consumption,	Aaron and Sarah. Died in So. Boston.
" 3,	Annie J. Rogers,	48	8	19	Disease of Brain,	James and Mary Crossley.
" 7,	Margaret Trott,	67	—	—	Paralysis,	
" 16,	Catharine Bradish Bishop,	57	3	14	Typhoid Fever,	Seth and Catharine B.
" 19,	Albert S. Kierstead,	—	11	13	Membranous Group,	Andrew and Mary Ann.
" 20,	Walter D. Burbank,	77	—	—	Heart Disease,	Samuel and Sally.
" 22,	Nero Giles,	57	—	—	Foud Dead,	Scipio and Harriet.
" 22,	Horace M. Saunders,	—	3	26	Cholera Infantum,	Horace M. and Catharine.



"	23,	John Weber,	—	1	18	Diarrhoea,	Charles and Rosina.
"	24,	Lucia H. Whitten,	77	4	17	Diarrhoea,	Peter and Sarah Holmes.
"	26,	George A. Hall,	50	—	—	Pulmonary Consumption,	
"	26,	Belie Howard,	17	3	10	Phthisis,	Daniel D. and Elizabeth D.
"	26,	Harold Edson Morton,	—	4	18	Cholera Infantum,	Isaac and Ella R.
"	27,	Marion B. Fuller,	36	7	3	Phthisical Ulcerat'n of Larynx,	Lewis C. and Nancy C. Berry. [N. J.
"	27,	Eleanzer Stephens Bartlett,	79	5	20	Old Age,	Freeman and Sarah. Died in Riverton,
"	31,	Lucy Thomas.	79	3	26	Chronic Bronchitis,	Nathaniel and Elizab'h Holmes. Died in
Aug.	1,	Susan S. Sherman,	29	11	14	Peritonitis,	Wm. T. and Julia A. Wood. [Cambridge.
"	2,	Branch Blackmer,	85	6	19	Old Age,	John and Sarah.
"	2,	Almeda M. Everson,	25	5	19	Confinement,	E. S. & Rebecca Doten. Died in Chelsea.
Aug.	4,	William M. Carr,	1	11	17	Meningitis,	John and Mary. [Weymouth.
"	7,	Rebecca W. Nye,	59	5	17	Died Suddenly,	Stephen and Rebecca Lucas. Died in
"	7,	Henry B. Holmes,	66	3	2	Recorded in Braintree,	Nathan and Euphemia. Died in Brain-
"	9,	Clara Agnes McLean,	—	4	9	Hydrocephaloid,	Alexander and Effie B. [tree.
"	12,*	William Thomas Savery,	63	7	19	Inflammation of Bowels,	Lemuel and Rispah.
"	12,	Truman Sampson,	82	6	13	Old Age,	Sylvanus and Ruth.
"	16,	Michael O'Brien,	28	2	19	Scarlet Fever,	Joseph and Ann. Died in Kingston.
"	20,	Joseph Bryant Shaw,	54	2	7	Heart Disease,	William and Lydia.
"	23,	Mary Savery Jackson,	1	—	12	Convulsions,	George H. and Hattie B.
"	23,	Ann Maria Lewis,	49	9	6	Carcinoma of Stomach,	Ephraim and Mary Ann Holmes.
"	25,	Bradford Nelson Scovel,	—	9	12	Dentition,	Nelson R. and Priscilla A. V. Died in
"	26,	Samuel T. Alexander,	51	1	2	Phthisis,	Samuel L. and Charlotte S. [Milton.
"	29,	Mary Ann Hardy,	72	—	—	Diarrhoea,	
"	29,	Jane Kingen,	83	—	—	Old Age,	
Sept.	1,	Nancy Wing Morrison,	—	11	5	Lung Fever,	Simeon H. and Nancy W.
"	2,	Benjamin Cooper Finney,	74	8	—	Dropsy,	Daniel and Sally.
"	2,*	Horace I. Mauter,	30	3	28	Inflammation of Bowels,	David and Betsey L.
"	6,	Solomon Sylvester,	82	1	23	Dropsy,	Nathaniel and Elsie.
"	8,	Elmer Morton Tirrell,	—	8	4	Cholera Infantum,	Lester E. and Hattie S.
"	9,	William S. Burbank,	52	1	26	Exhaustion,	William S. and Abigail S.
"	10,	Harrison Warren Robbins,	—	5	22	Marasmus,	Heman and Harriet Eliza.
"	11,	George F. Jackson,	43	7	14	Typhoid Fever,	Thomas and Sophronia. Died in North
"	11,	Winslow B. Sherman,	—	2	—	Cholera Infantum,	Charles W. and Susan S. [Cambridge.

# DEATHS—Continued.

AGE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Mos.	Days.		
1884.						
Sept. 12,	George Nelson Thomas,	77	3	14	Cancer of Stomach,	Joab and Lois.
" 16,	Gridley Pool,	68	10	17	Softening of Brain,	Perez and Lydia.
" 16,*	Lucy Manter,	34	4	24	Paralysis,	William and Lucy B.
" 17,	Henry M. Hobart,	73	6	—	Paralysis,	
" 25,	Jane Turner,	65	—	—	Cancer of Face,	James and Elizabeth.
" 25,	Eleanor Collingwood,	89	10	18	Recorded in New Bedford,	[Bedford.
" 25,	Alice W. Everson,	—	1	25	Recorded in Hanson,	John and Mary Harrow. Died in New
" 26,	Walter Francis Hall,	4	1	6	Acute Hydrocephalus,	Frederick W. and Almeda M. Died in
Oct. 1,	Annie May McLean,	14	10	17	Meningitis,	Walter D. and Emma Frances. [Hanson.
" 1,	Henry Robbins,	88	7	24	Old Age,	Archibald and Rebecca G.
" 9,	Deborah B. Sampson,	25	—	—	Pulmonary Tuberculosis,	Samuel and Sally.
" 9,	George W. Brown,	36	2	1	Consumption,	George and Ruth Mauter.
" 11,	Susan C. Mesroll,	51	8	12	Consumption.	Joseph P. and Margaret.
" 16,	Joseph Simes,	74	6	—	Paralysis,	William and Mercy G. Hooper.
" 18,	William Weston,	65	3	—	Accidental.	George and Ann.
" 19,	Louisa Holmes,	32	6	17	Pulmonary Tuberculosis,	Lewis and Betsey.
" 20,	Francis W. Lucas,	57	3	3	Disease of Brain,	David C. and Louisa.
" 23,	James Spooner,	82	2	23	Old Age,	Ezra and Betsey.
" 28,	Betsey D. Barrows,	87	11	14	Old Age,	James and Margaret. Died in Taunton.
" 29,	Sylvia Paty,	73	1	5	Uremia.	Ichabod and Betsey Dunham.
Nov. 2,	Israel Clark,	90	3	—	Recorded in New Bedford,	John and Azenath.
" 3,	David Vining Pool,	61	6	8	Septicæmia Asthenia,	Seth and Polly. Died in New Bedford.
" 5,	Susan Thomas Atwood,	35	3	16	Child Birth,	Percy and Lydia.
" 9,	Rebecca P. Sampson,	60	3	16	Bright's Disease,	Ichabod T. and Ruth Holmes.
						Branch and Rebecca H. Pierce.

"	12,	Etta W. Sampson,	22	5	6	Brain Disease,	Elbridge G. and Elizabeth F.
"	16,	Walter I. Osterdiep,	42	8	24	Congestion of Lungs,	Ignatius and Bearice.
"	19,	Sylvanus Watson Rogers,	55	7	3	Exhaustion,	Sylvanus and Jane.
"	23,	James Ryan,	67	—	—	Suddenly,	Thomas and Elizabeth.
"	26,	Rufus Churchill,	78	7	27	Chronic Bronchitis,	Rufus and Eunice.
"	28,	Lydia Catharine Allen,	—	1	4	Feeble from Birth,	George E. and Jennie.
Dec.	11,	Harriet Burgess,	47	11	1	Cancer,	Nathan and Pella Whiting.
"	12,	Ellen Kieran,	57	8	—	Carcinoma,	Richard and Johannah Tobin.
"	14,	Judith Cobb,	76	4	16	Paralysis,	— and Abigail Eaton.
"	16,	Barnabas Churchill,	75	2	16	Disease of Heart.	Job and Hannah.
"	17,	John Edward Braley,	16	11	14	Ac'l. Gunshot Wound in Chest,	John R. and Julia A. L.
"	20,	Alice P. Davee,	19	4	26	Blood Poison,	Sylvester and Eveline C.
"	24,	Albert Barnes,	53	1	17	Cardiac,	Levi and Martha W. Died in Boston.
"	27,	William K. Blake,	84	3	3	Heart Disease,	Jonathan L.
"	29,	Charles Emery Franks,	24	11	8	Consumption,	Anthony and Elizabeth.

## SUMMARY.

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The following are the statistics of Births, Marriages and Deaths registered in Plymouth for the year ending December 31, 1884 :

### *BIRTHS.*

Number of births registered in 1884 . . . . .	162
Males . . . . .	93
Females . . . . .	69
The parentage of the children is as follows :	
Both parents born in United States . . . . .	101
“       “       Germany . . . . .	11
“       “       British Provinces . . . . .	5
“       “       Ireland . . . . .	5
“       “       Italy . . . . .	4
“       “       Western Islands . . . . .	1
“       “       Sweden . . . . .	1
Mixed, one parent American . . . . .	29
Mixed, other nationalities . . . . .	2
Unknown . . . . .	3

### *MARRIAGES.*

Number of marriages registered in 1884 . . . . .	71
Both parties born in United States . . . . .	54
“       “       Germany . . . . .	4
“       “       British Provinces . . . . .	1
“       “       Italy . . . . .	1
Mixed, one American . . . . .	9
Mixed, other nationalities . . . . .	1
Unknown . . . . .	1

## DEATHS.

Number of deaths registered in Plymouth in 1884, 152, 28 of which occurred out of town and were brought to Plymouth for burial.

Males ... ..	79
Females ... ..	73
Born in United States.....	133
“ Ireland .....	9
“ British Provinces.....	3
“ England .....	1
“ Holland.....	1
“ Germany.....	1
“ Wales .....	1
“ Western Islands.....	1
Unknown .....	2

CURTIS DAVIE, *Town Clerk.*





# ANNUAL REPORT

—OF THE—

## SCHOOL COMMITTEE

—AND—

## SUPERINTENDENT OF SCHOOLS

—OF THE—

## TOWN OF PLYMOUTH

—FOR THE YEAR—

◇1884.◇

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PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1885.

## SCHOOL COMMITTEE:

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Term Expires.

F. N. KNAPP, . . . . .	1885
NATHANIEL MORTON, . . . . .	1885
J. D. THURBER, . . . . .	1886
C. I. LITCHFIELD, . . . . .	1886
GEORGE A. TEWKSBURY, . . . . .	1887
GEORGE F. WESTON, . . . . .	1887

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SECRETARY—NATHANIEL MORTON.

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SUPERINTENDENT OF SCHOOLS—CHARLES BURTON.

# Report of the School Committee

FOR THE YEAR 1884.

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In accordance with requirements, the School Committee of the Town of Plymouth make their annual report.

FIRST. We have kept the regular expenses within the limits of the appropriations. The amount overdrawn is on account of "school books and supplies," purchased under the law passed by the Legislature of 1883-4, which obliges towns to furnish to children attending the public schools all books and supplies used in the school-room. It is not for your Committee to question the wisdom of this law ; but they wish to draw attention to the fact, that in asking for the additional money to be used for books and supplies—a large sum—they are not acting on their own judgment, but under a State law which they are obliged to obey.

SECONDLY. The money appropriated by the Town for a new school-house has been used in the purchase of a lot near Mount Pleasant, and the erection of a building which accommodates, with abundant space and light, three schools—one Grammar School, one Second Grade

and one Third Grade School, which have all been transferred from the High School-house to the new building. The land around the new school-house, now owned by the Town, furnishes what every school building should have, but which no other in the centre of the Town possesses, namely, ample play-grounds. The cost of the land and building did not exceed the special appropriation, but an additional outlay of \$800 was required for providing heating apparatus and extra masonry.

THIRDLY. On the resignation of Mr. Adams, Mr. Burton accepted the position of Superintendent of Schools ; and his place, as Principal of the High School, was filled by the appointment of Mr. A. J. Eaton. The additional assistant in the High School, so long needed, has been secured, to the great gain of the school. Miss Emma F. Briggs, an experienced teacher, fills the place. One of the rooms in the High School building, left vacant by the removal of the Grammar School to the new building, is used as a recitation room for the new Assistant.

FOURTHLY. There has been thorough and successful work done by all our teachers, from the High School down ; and the Committee feel that the Town can be congratulated on having the services of a set of teachers of superior qualifications, and genuine devotion to their work.

FIFTHLY. The number of scholars in the Intermediate School in the northern part of the Town far exceeds the capacity of the school-room. There were seventy-two pupils there at [the beginning] of the Fall term. The

Committee feel that there is an absolute necessity for another school-room, and they, therefore, recommend that an addition be made to the present building, and that an appropriation of \$700 be made for the same. They recommend this as a much cheaper method than buying another lot and putting up a separate building.

SIXTHLY. The following votes have been recently passed by the Committee. They touch upon important points, and are the result of long and careful consideration on the part of the Committee. They will lead to some decided changes in the course of study in the various schools, aiming especially to secure to scholars who can only go through the Grammar Schools more advanced studies than they could reach under the existing system. The changes will, of course, be attended with some difficulties, and at first with considerable additional labor to the Superintendent, but we are confident that the results will meet a recognized demand.

The votes referred to are as follows :

*Voted*—That the result of the several general examinations of the pupils in the schools during the school year be made the basis for admission of pupils to the advanced schools.

*Voted*—That the standard of admission to the High School be raised to what would correspond to one year's additional study in the Grammar School.

*Voted*—That any member of the graduating class at the High School shall be excused from taking part in the public exhibitions, at the close of the school year, upon presenting a written request to that effect from his or her parent or guardian. Such excuse shall not be considered as any reason for withholding a

diploma from such pupil. This vote shall not be considered as in any way excusing the pupil from writing and handing to the Principal the composition required from each member of the graduating class.

*Voted*—That the “school year” hereafter close with the end of the Summer term, and that the present senior class of the High School graduate at that time in 1886.

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### *SCHOOL DEPARTMENT.*

#### DR.

Teachers' salaries . . . . .	\$15,144 15
Superintendent . . . . .	1,437 48
Music . . . . .	193 64
Books and apparatus . . . . .	2,062 80
Repairs and supplies . . . . .	1,322 41
Fuel . . . . .	794 15
Care of buildings . . . . .	797 24
Horse hire . . . . .	106 00
Printing . . . . .	79 15
Truant Officer . . . . .	120 00
Express charges . . . . .	66 88
Trees and setting out same . . . . .	173 01
Tuition of scholars at Wareham and Sandwich . . . . .	67 50
Transportation of scholars to Ellisville ..	33 00
New Grammar School-house at Cold Spring . . . . .	124 93
Travelling expenses . . . . .	45 65
Sundries . . . . .	12 70
	<hr/> \$22,580 69



CR.

Appropriation .....	\$20,500 00	
Appropriation .....	600 00	
School fund .....	235 19	
Sale of books .....	607 28	
Refund .....	6 75	
Murdock fund .....	18 25	
	<hr/>	21,967 47
Overdrawn .....		<hr/> \$613 22

*EXPENDITURES ON ACCOUNT OF NEW SCHOOL-  
HOUSE AND LOT.*

Paid—

For lot .....	\$900 00
Grading .....	61 41
Mason work .....	461 71
Blackboards .....	131 80
Building .....	6,128 03
Architect .....	125 20
Legal expenses, advertising, and freight charges ....	16 40
Water pipes .....	35 69
Heating apparatus .....	400 00
Brick, iron work, &c .....	28 30
	<hr/>
	\$8,288 54

FREDERICK N. KNAPP,  
JAMES D. THURBER,  
CHARLES I. LITCHFIELD,  
GEORGE A. TEWKSBURY,  
GEORGE F. WESTON,

} *School  
Committee.*

## SUPERINTENDENT'S REPORT.

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TO THE SCHOOL COMMITTEE OF PLYMOUTH :

GENTLEMEN :

In obedience to your rules and regulations, I herewith respectfully present my Annual Report upon the condition of the Public Schools of the Town, for the year 1884.

### S T A T I S T I C S.

Population of the Town.....	7,091
Children between the ages of 5 and 15 years....	1,174
Number of Public Schools.....	31
Number of Private Schools.....	2
Months the Public Schools were in session.....	10
Months the Private Schools were in session.....	10
Number of School-houses.....	25
Number of teachers in High School.....	4
Number of teachers in Grammar Schools.....	4
Number of teachers in Intermediate Schools....	7
Number of teachers in Primary Schools.....	13
Number of teachers in Ungraded Schools.....	6
Number of pupils in Public Schools.....	1,424
Average number belonging.....	1,178
Average attendance.....	1,043
Number between 8 and 14 years of age.....	861

## NORTH INTERMEDIATE SCHOOL.

During the past year, this school has been taught by two young ladies; but, at the commencement of the present year, it was thought advisable to place the management of the school in the hands of a man. At the beginning of the present term, seventy-three scholars were waiting for admission, with proper accommodation for only forty-five. The school has for years been crowded, but never before has the number of applicants been entirely overwhelming. By placing desks on every available foot of floor, fifty-six scholars were received; but at a great sacrifice of the common conveniences of a good school-room. Those whom a lack of space excluded from their proper school were placed in the North Primary; but, of course, with serious damage to the interests of that school.

As it seems impossible to do justice to the scholars of this district with the present accommodations, nothing remains but to ask for another school-room, in order that the people of the north part of the Town may receive that advantage from their schools to which they are entitled.

I would suggest, as the most economical plan of satisfying the demands of the present emergency, the addition of another school-room in the rear of the North Intermediate School-house, of sufficient size to accommodate an independent school, or to serve as a recitation-room, in case it is thought best to employ an assistant teacher.

## A NEW GRADE.

An opinion prevails very generally that our scholars enter the High School at too early an age, when they cannot properly enter upon the broader culture which it is the purpose of this school to impart. Children enter our Primary Schools at the age of five, and remain there three years. Between these schools and the High School there are three grades—the Second Grade, Third Grade, and Grammar School—which require, to complete their course of study, six years ; at the end of which time the scholar would be fourteen.

If all scholars were inflexibly required to remain in each school the estimated time, the movement from the entrance of the child into the Primary to his arrival at the High School would be so slow that more schools would be needed to accommodate the children of the Town, and the injustice of requiring scholars of unequal abilities to move at the same rate would be done. According to present arrangement, however, the scholar spends one or two years in each grade, as his industry and talents determine ; and it is owing to this arrangement that very bright scholars get into the High School at a very early age—as early as eleven years.

In order to reduce the rapidity of movement through the various schools, to improve the scholarship of the Grammar Schools, and to increase the requirements for entrance to the High School, I suggest that another grade be inserted between the Third Grade and the Grammar School, to be called the Fourth Grade, and that all

scholars be required to pass through this grade in one year. In effect, this will have nearly the same result as adding another year to the time spent in the Grammar Schools, enabling those schools to do more advanced work than is now contained in their programme. In case this plan should be adopted, two very important and universally practical studies, now pursued in the first year of the High School course, might be introduced into the Grammar Schools, thus satisfying the quite general demand for an increase of the work done in these schools.

## HIGH SCHOOL.

The addition of another assistant teacher in the High School has given the long-desired opportunity of modifying and improving the course of study to such a degree that the wants of all, it is hoped, will, hereafter, be satisfied. The number of hours devoted to each of the English studies has been increased, and a new mathematical recitation has been added ; but the time given to foreign languages, ancient and modern, remains precisely the same. The number of elective studies has been increased, so that it is possible for a scholar of superior abilities to take up the three foreign languages and still carry on the absolutely necessary English branches. With these changes in the course of study, which are certainly in harmony with the expressed wishes of the Town, and with a very able corps of teachers devoted to the interests of the school, all reasonable expectations ought to be realized.

## SCIENCE IN THE SCHOOLS.

An intelligent observer of our schools, who understood fully the importance of the knowledge comprehended under the term science, who saw clearly that it lies as the basis of all labor, and touches, more or less profoundly, all the vast interests of men, would undoubtedly be surprised to find how little provision has been made for adequate instruction in those things which it would be our highest interest to know.

Many reasons could be given for neglect of science in the public schools ; but it will be quite sufficient to mention only two : The public do not generally demand it ; and, consequently, but few teachers are properly qualified to teach it.

Whatever the difficulties, however, of introducing a course of science into all the schools may be, I suggest that the attempt be made without further delay ; although that attempt, under present conditions, must be a very humble one. Teachers, I doubt not, will soon catch the inspiration which a knowledge of science always gives, and a desire to impart it to others will interest the children under their charge ; and succeeding in this, they will always find it an easy task to lead them deeper into the love of Nature, which is constantly inviting their observation, and is constantly rewarding them for every inquiry made.

The books which would be needed to give the teachers the auxiliary information in entering upon such inquiries and in imparting such instruction, are now to be had in



great abundance, in the form of science reading-books for schools, supplementary reading-books, and books of popular science.

At first, I would place science reading-books in the hands of the scholars, which would furnish all the knowledge necessary to make the exercise an intelligent reading lesson. The range of thought and vocabulary of the class would rapidly enlarge, and their zeal would naturally encourage the teacher to make systematic preparation for the reading lesson, by the diligent use of reference books, which ought to be in readiness on her desk. Very soon, she would find that the exhibition to her class of natural objects illustrative of the reading lesson would be the most attractive method of imparting instruction to her scholars, and of inducing them to bring to the lesson anything which their newly-awakened curiosity may have discovered in their walks. If, now, a brief composition, descriptive of the objects and facts observed, with an attempt at discovering their laws, were required of the scholars, the best habits would be established, and the best powers of the mind called into action ; indeed, these exercises would contain the sum and substance of all disciplinary education.

In the Primaries, the reading should be confined, of course, to very simple matters, coming within the easy comprehension of children of a very tender age. The names of common plants, the different kinds of leaves, the varieties of stems, might be subjects of reading and object lessons. It should be understood, however, that the attention of the school is not to be confined to these

matters, but, that the teacher may direct the minds of the children to all natural objects which will interest very young persons.

In the Second Grade Schools the study of plants might be reviewed, and the scholars could now be carried farther in the knowledge of plants, and they might be introduced to a very elementary study of the structure of animals, their names, habits, general appearance, and anything peculiar or wonderful, which might be attractive. The outlines of classification could be taught here.

In the Third Grades, as the scholars have attained some maturity of mind, the elements of physical nature would be proper subjects of instruction. Every thing taught should, as far as possible, be illustrated by experiment; and, to do this, some simple apparatus, which need not be very expensive, would be necessary. The subjects to be brought before the school might be: The air, wind, pressure of the air, pumps, balloons, heated air, chimneys, draft and ventilation, water level, water in the air, clouds, snow, frost and ice, heat and cold, effects of heat, steam, light, color, and other topics belonging to this department of science, which would be comprehensible and interesting to scholars of this grade.

For the scholars of the Grammar Schools, a more advanced range of subjects might be suitable, and the treatment of the matter brought before the school might be more scientifically exact. If the proposed year should be added to the time of preparation for the Grammar

School Grade, there would be no difficulty in increasing the course of study by the addition of the two branches above referred to—elementary physics and inventive geometry—which are, at present, commenced as soon as scholars enter the High School. This arrangement would increase the amount of practical training in these schools more than anything else that could be done for them; for physical science, as all know, teaches everything we know about the action of the natural forces about us, upon a knowledge of which our well-being so much depends; and the other teaches the methods of measuring all forms and distances however remote.

Previous to experience, it would not, perhaps, be possible to know how much of this new work could be done under the altered conditions of the Grammar Schools. The following topics might, certainly, be treated with some degree of fulness, but with strict regard to the youthfulness of the scholars: Gravitation and pressure (weight, pump, barometer, pendulum); Cohesion (glue, paste, mortar, cement, etc.); Capillary attraction (lamp-wick, sap, sponge, sugar, etc.); Mechanical powers (lever, pulley, inclined plane, wedge and screw, friction); Heat (sun, combustion, steam, steam-engine, thermometer, clothing, cooking, etc.); Light (sources, reflection, looking-glass, refraction, spectacles, microscope, telescope); Electricity (lightning, sealing-wax experiments, etc.); Magnetism (mariner's compass, horseshoe magnet, telegraph).

In the department of Geometry the inventive faculty of the scholars would be constantly brought into action, as

the text-book would only form a basis of the exercises given, furnishing no demonstrations to be committed to memory by the learner, but requiring all proofs to be supplied by the one who professes to understand the question. This practice, which calls forth original thought on the part of the scholar, is the most attractive work that can be given to him in the school-room, providing he is not overwhelmed with too great difficulties.

From the commencement of this study the scholars are accustomed to a great variety of practical applications of all principles learned, so that, in the end, they realize that the work of the builder, the machinist, the surveyor, the navigator, is founded on principles which they have learned from the relations of points, lines, surfaces and solids in their little geometry.

The plan here briefly sketched for introducing oral, observation, and reading lessons assumes that teachers have made no special preparation for the work, and it also implies that they will endeavor to remove all obstacles by every means in their power ; but, especially, by making themselves thoroughly acquainted with the books which ought to be placed in their hands, to be used hereafter as aids in the instruction of their classes.

The time devoted to these science lessons need not be more than one hour a week.

This arrangement for the introduction of science teaching into the public schools would not satisfy the too exact-

ing demands of the scientist, but it might have the merit of being the best at our command, and might serve efficiently in beginning to remove the dense ignorance of common things which prevails, perhaps generally, in public schools.

Respectfully submitted,

CHARLES BURTON.

PLYMOUTH, February, 1885.

## STATISTICS.

LOCATION OF SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrollment.	Average Membership.	Average Attendance.	Number between 8 and 14 years.
Green,	High School,	A. J. Eaton, Carrie E. Small, Ellen W. Beane, Emma F. Briggs,	\$1,500 800 700 600	150	140	125	60
Russell Street,	Grammar,	Aaron H. Cornish,	1,000	55	48	43	54
Mount Pleasant,	Grammar,	Seth S. Crocker,	1,000	57	48	45	53
North,	Grammar,	Charles F. Cole,	1,000	52	46	41	45
Chiltonville,	Grammar,	Elmer E. Sherman,	800	50	45	43	44
South Plymouth,	Grammar,	Mary L. Holmes,	400	31	22	19	23
North,	Intermediate,	Nelia D. Burbank, Mary Maybury, Assistant,	380 220	65	59	54	65
Wellingsley,	Intermediate,	Addie F. Bartlett,	360	30	22	20	17
Russell Street,	Third Grade,	Emma F. Davie,	360	48	42	37	48
Green,	Third Grade,	Carrie I. Mace,	360	48	44	40	48
Russell Street,	Second Grade,	Augusta M. Morton,	320	46	42	37	46
Russell Street,	Second Grade,	Alice F. Blanchard,	320	47	41	37	47
Green,	Second Grade,	Mary A. Aldrich,	320	48	40	35	48
Cold Spring,	Primary,	Frances E. Hovey,	280	39	35	28	6
Cold Spring,	Sub-Primary,	Mary J. Ellis,	280	39	29	21	5
South Street,	Primary,	Ellen M. Douglass,	280	42	34	32	23
South Street,	Sub-Primary,	Judith C. Howland,	280	54	63	42	2
2d South Street,	Primary,	Charlotte R. Bearce,	280	21	16	15	12
School Street,	Primary,	Priscilla Perkins,	280	64	42	39	31
Oak Street,	Primary,	May H. Chandler,	280	50	30	27	14
Oak Grove,	Sub-Primary,	Katie O'Brien,	280	40	33	29	5
North,	Primary,	Anna A. Jones,	280	57	43	38	39
North,	Sub-Primary,	Grace D. Chandler,	280	60	42	34	8
Spring Street,	Sub Primary,	Jennie C. Whitten,	280	53	38	33	8
Cliff,	Primary,	Martha W. Whitmore,	260	29	26	23	13
Chiltonville,	Primary,	Susie F. Churchill,	260	29	23	21	14
Russell Mills,	Primary,	Mary A. Morton,	260	23	17	16	11
South Plymouth,	Primary,	Lydia A. Sampson,	260	26	23	21	16
South Pond,	Ungraded,	Katie W. Sampson,	260	28	21	19	12
Long Pond,	Ungraded,	Nellie F. Pierce,	260	19	13	12	12
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	32	20	19	17
West District,	Ungraded,	Nellie M. Smith,	260	10	8	7	9
Gurnet,	Ungraded,	Ella Holmes,	130	5	4	3	3



GRADUATING EXERCISES

OF THE

PLYMOUTH HIGH SCHOOL,

DAVIS HALL,

Thursday Afternoon and Evening,

December 18th, 1884.

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AFTERNOON PROGRAMME.

Latin Salutatory.....	ALFRED L. BARNES
MUSIC:—Pleasures of Evening .....	MR. SHERMAN'S SCHOOL
Essay :—What Cleopatra's Needle Saw .....	HELEN W. MORTON
Essay :—New England.....	LAURA W. HARLOW
MUSIC:—The Traveller .....	MR. COLE'S SCHOOL
Essay :—Oyster Culture .....	ELMER H. BARTLETT
Essay :—Work .....	JENNIE A. MORTON
MUSIC:—Spring Wishes.....	MR. CROCKER'S SCHOOL
Essay :—Proverbs.....	HENRY F. HOLMES
Essay :—Home .....	SUSIE P. DIMAN
MUSIC:—My Home in the Valley.....	MR. COLE'S SCHOOL
Essay :—Cranberry Culture.....	WALTER SPOONER
Essay :—Then and Now.....	LIZZIE F. DOTEN
MUSIC:—Farewell to the Woods.....	MR. SHERMAN'S SCHOOL

Essay :—The Character of Portia.....	ANNIE R. CHURCHILL
Essay :—Fishing in Plymouth Ponds .....	WILLIAM B. THURBER
MUSIC :—Summer Joys.....	MR. CROCKER'S SCHOOL
Essay :—The Power of Water.....	FRANK HOLMES
MUSIC :—Shades of Evening.....	MR. COLE'S SCHOOL
Essay :—Oliver Cromwell.....	FRED R. MATTERN
MUSIC :—Evening Song .....	MR. SHERMAN'S SCHOOL
Essay :—Fame and Fortune .....	NELLIE F. HARLOW
MUSIC :—Remember Thy Creator.....	MR. CROCKER'S SCHOOL

## EVENING PROGRAMME.

Latin Salutatory.....	ALFRED L. BARNES
Essay :—The World Moves.....	AGNES G. BARNES
Essay :—Solitude.....	ISABELLE P. MARKS*
Essay :—Commerce.....	CHARLES MONING

## MUSIC.

Essay :—Cooking as a Fine Art.....	NELLIE F. WATSON
Essay :—Evils of Public Life.....	J. T. COLLINGWOOD*
Essay :—Social Science.....	CHARLES W. MIXTER

## MUSIC.

Essay :—Hope. ....	FANNIE E. HADAWAY
Essay :—The Story of a Dutch Tile.....	ANNIE P. CAMPBELL
Essay :—The Plea of the Muses .....	FRANCES A. HADAWAY

## MUSIC.

Chronicles .....	NELLIE W. HOLMES
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## MUSIC.

Prophecy .....	RUTH S. DAMON
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## MUSIC.

Valedictory .....	ANNA KLINGENHAGEN
Class Song.....	WRITTEN BY RUTH S. DAMON

## PRESENTATION OF DIPLOMAS.

Music for the evening by scholars of the High School.

\*Excused from reading.

CLASS SONG.

---

We have trod thus far together,  
Pleasantly our road along ;  
Happy hours and weary moments  
Rise before us in a throng.  
And while mem'ries sweet steal o'er us,  
Hidden from our eager gaze,  
Father Time, unbidden, warns us  
Of the parting of our ways.

Calls the bugle to life's campaign,  
Hear the tread of coming foe !  
Each must firmly grasp his weapon,  
Each must lay some evil low.  
We must join the din of battle ;  
And with purpose grand and high,  
On our shields our motto graven,  
Fight the good fight till we die.

Shines the star of Hope before us,  
Beckoning with friendly light ;  
Let us follow its golden beams,  
Always striving for the right.  
Parts the mystic tie which binds us,  
But a word now breaks its spell ;  
Farewell ! Oh, saddest word to speak :  
Teachers, friends, and mates, farewell !

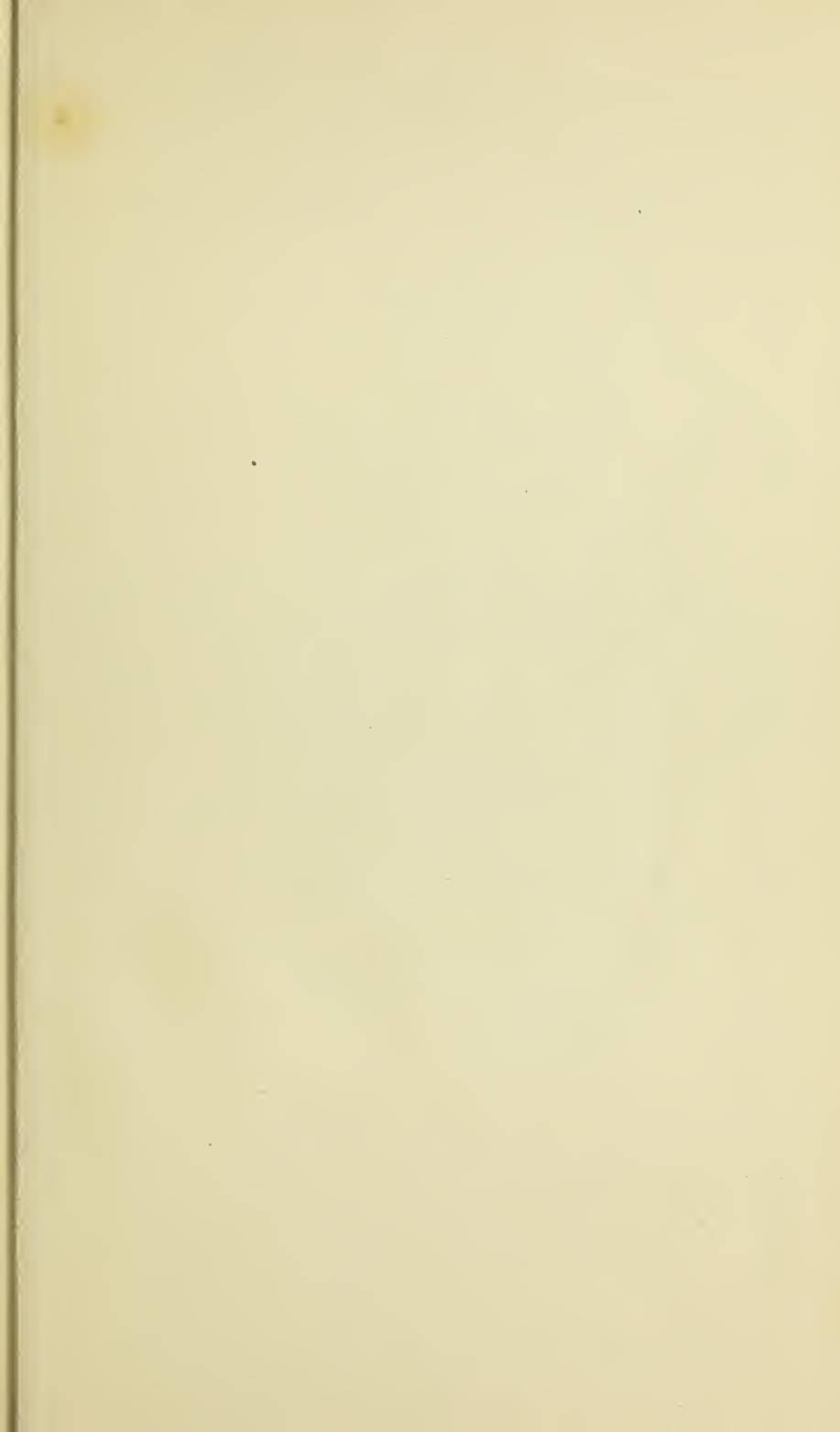
# CLASS OF '84.

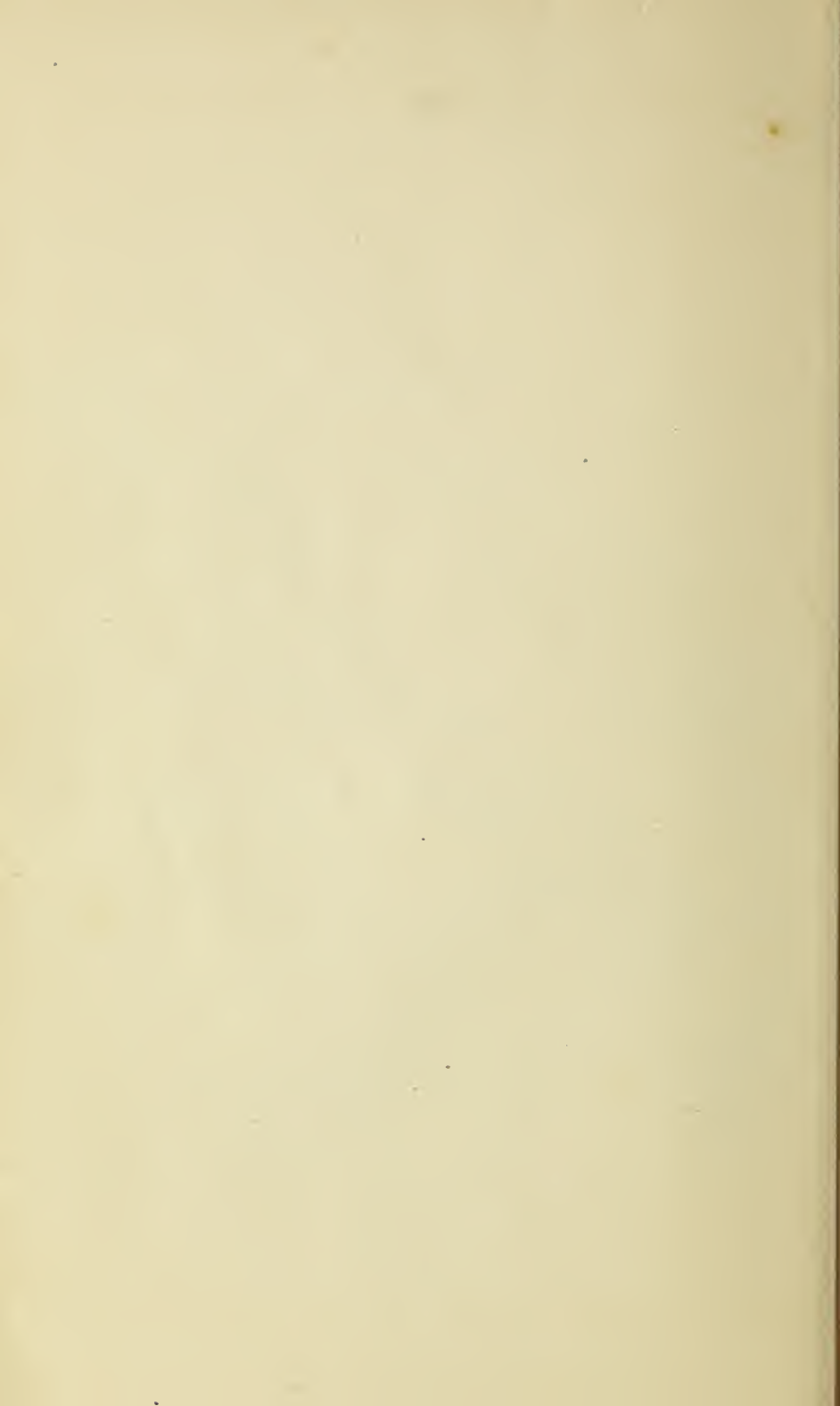
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AGNES G. BARNES,	LAURA W. HARLOW,
ANNIE P. CAMPBELL,	NELLIE F. HARLOW,
ANNIE R. CHURCHILL,	NELIE W. HOLMES,
RUTH S. DAMON,	ANNA KLINGENHAGEN,
SUSIE P. DIMAN,	ISABELLE P. MARKS,
LIZZIE F. DOTEN,	HELEN W. MORTON,
FRANCES A. HADAWAY,	JENNIE A. MORTON,
FANNIE E. HADAWAY,	NELLIE F. WATSON.
ALFRED L. BARNES,	FRED R. MATTERN,
ELMER H. BARTLETT,	CHARLES W. MIXTER,
JOSEPH T. COLLINGWOOD,	CHARLES MONING,
HENRY F. HOLMES,	WALTER SPOONER,
FRANK HOLMES,	WILLIAM B THURBER.

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"UNSER LEBEN IST WAS WIR ES MACHEN."







# ANNUAL REPORT

— OF THE —

TOWN OFFICERS

— OF THE —

## TOWN OF PLYMOUTH

— FOR THE —

FINANCIAL YEAR ENDING JANUARY 1,

1886.



PLYMOUTH:

AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1886.



## REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year 1885 :

The Treasurer's books have been examined and found correct, and all payments properly vouched.

The Treasurer is charged for the year with :

Cash on hand, Jan. 1, 1885.....	\$5,189 08
Cash from—	
Plymouth Savings Bank, loan .....	5,000 00
County, dog fund .....	666 78
Water rents, labor and material .....	14,670 30
Sale of lots in Vine Hills Cemetery .....	292 35
Agawam and Half-way Pond fishery.....	200 00
Dividend from Old Colony National Bank .....	400 00
Interest from delinquent taxes .....	463 69
Interest on Training Green fund .....	27 48
Pedlars' licenses .....	13 00
Rebate of interest on loans. ....	8 64
State aid refunded .....	1,338 00
Indigent State aid refunded.....	496 40
National Bank tax from State of Massachusetts..	2,066 30
Corporation tax.....	6,735 53
Interest from Warren fund.....	50 00
Billiard and rink licenses .....	16 00
Land rent.....	6 00
<i>Amount carried forward</i> .....	\$37,639 55

<i>Amount brought forward</i> .....	\$37,639 55
Poor Department, reimbursements.....	1,434 88
Road Department, reimbursements .....	1,910 22
Insane poor, reimbursements.....	435 76
Contingent, reimbursements.....	379 77
School Department, reimbursements .....	5 00
School Department, reimbursements from Murdock fund.....	18 25
Poor Department, reimbursements from Murdock fund.....	18 25
Widows' fund, reimbursement.....	16 00
Fines, violation of Town by-laws.....	20 00
Sale of herring brooks.....	33 00
Taxes of 1883 .....	1,639 21
Taxes of 1884 .....	6,747 48
Taxes of 1885 .....	64,168 31
Sale of 70,000 bonds, in renewal of water loan, to Provident Institution for Savings, Boston	74,550 00
Liquor licenses .....	1,450 00
	<hr/>
	\$190,465 68

The Treasurer is credited with payments as follows:

By paid—

Duxbury & Cohasset Railroad loan .....	\$1,500 00
Note to Plymouth Savings Bank .....	4,000 00
National Bank tax .....	4,263 77
Corporation tax .....	18
County tax .....	5,227 91
Vine Hills Cemetery .....	539 57
Widows .....	150 00
Water Works, interest on loans and extensions...	14,563 03
Watch and police... ..	1,271 10
	<hr/>

*Amount carried forward*..... \$31,515 56

<i>Amount brought forward</i> .....	\$31,515 56
Treasurer .....	600 00
Sexton .....	125 00
Town debt and interest .....	3,568 39
State aid .....	1,379 00
State tax .....	4,215 00
Schools .....	24,604 63
Roads and bridges .....	10,019 23
New roads .....	4,826 10
Insane poor .....	2,138 22
Poor .....	7,999 27
Fire Department .....	2,841 42
Burial Hill .....	375 03
Contingent .....	3,762 87
Lighting streets and town house .....	1,408 14
Assessors .....	871 86
Repayment of tax sales .....	10 18
Plymouth Public Library .....	1,000 00
Agawam and Half-way Pond fishery .....	56 98
Warren Fund .....	1 73
Collector of Taxes .....	509 42
Aid indigent soldiers .....	1,070 55
Abatements on taxes .....	797 56
State of Massachusetts, one-quarter of liquor licenses .....	362 50
Bond due on Plymouth water loan .....	68,000 00
Expenses preparing water loan bond .....	232 50
Fresh Brook .....	7 00
Cash on hand .....	18,167 54
	<hr/>
	\$190,465 68

The undrawn balances of the several appropriations are as follows:

Fresh Brook fishery.....	\$4 92
Vine Hills Cemetery.....	206 28
Poor ..	378 78
Town debt and interest.....	487 53
Lighting streets and town house. ....	14 13
New school building.....	700 00
Tax sales.....	60
Abatements.....	1,789 59
Burial Hill.....	124 97
Roads and bridges.....	1,390 99
Fire Department.....	209 44
Water Works.....	1,125 09
Warren Fund .....	1,143 83
Collector of Taxes.....	13 57
Training Green Fund .....	703 49
	<hr/>
	\$8,293 21

The overdrawn balances of the several appropriations are as follows:

Contingent .....	\$209 65
Watch and police.....	20 13
Assessors.....	4 64
Schools.....	581 38
Insane poor.....	102 46
Indigent soldiers aid.....	534 03
New roads.....	3 826 10
	<hr/>
	\$5,278 39



## TOWN DEBT.

## WATER LOAN FUNDED.

70,000 four per cent. bonds, dated June 1, 1885, payable within 30 years, in proportional payments of \$2,800 each year, commencing June 1, 1890.....	\$70,000 00	
20,000 six per cent. bonds, dated Aug. 1, 1864, payable Aug. 1, 1894.....	20,000 00	
2,000 six per cent. bonds, due June 1, 1885.....	2,000 00	
Note to Plymouth Savings Bank, due April 1, 1890, 5 per cent. interest .	6,000 00	
Note to Plymouth Five Cents Savings Bank, due Aug. 2, 1890, interest 4½ per cent.....	6,000 00	
	<hr/>	\$104,000 00

## DUXBURY AND COHASSET RAILROAD LOAN.

Note to Plymouth Savings Bank, due April 1, 1890.....	\$6,750 00	
Note to Plymouth Five Cents Savings Bank, due April 1, 1890... ..	6,750 00	
	<hr/>	13,500 00

## TEMPORARY LOAN.

Note to Plymouth Savings Bank, payable April 13, 1888, interest 4 per cent.....	\$5,000 00	
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<i>Amounts carried forward</i> . . .	<hr/>	<hr/>
	\$5,000 00	\$117,500 00

<i>Amounts brought forward</i> . . . .	\$5,000 00	\$117,500 00
Note to Plymouth Five Cents Savings Bank, payable March 20, 1888, interest 4 per cent. . . . .	6,700 00	
Note to Plymouth Savings Bank, payable Sept. 18, 1886, interest 4 per cent. . . . .	10,000 00	
Note to Plymouth Savings Bank, on demand, interest 4 per cent. . . . .	7,000 00	
Note to Plymouth Savings Bank, payable March 30, 1891, interest 4 per cent. . . . .	5,000 00	
Notes to sundry parties. . . . .	5,100 00	
	<hr/>	38,800 00
		<hr/>
Undrawn balances of the several departments. . . .		\$156,300 00
		8,293 21
		<hr/>
		\$164,593 21

## LESS.

Uncollected taxes, 1884. . . . .	\$ 2,011 08	
Uncollected taxes, 1885. . . . .	7,357 75	
State aid due from State of Massachusetts. . . . .	1,379 00	
Indigent aid due from State of Massachusetts. . . . .	536 52	
Cash on hand . . . . .	18,167 54	29,451 89
	<hr/>	<hr/>
Net debt, January 1, 1886 . . . . .		\$135,141 32
Net debt, January 1, 1885 . . . . .		144,145 64
		<hr/>
Decrease of debt in 1885 . . . . .		\$9,004 32
Net amount of debt, January 1, 1886, . . . . .	\$135,141 32	
Less water loan sinking fund. . . . .	3,870 98	
	<hr/>	
Debt less sinking fund . . . .	\$131,270 34	

The gross liabilities of the Town, as appears in the above statement, is \$3,026.39 in excess of last year, while the assets applicable to the payment of the debt, have increased \$12,030.71, making the reduction the past year, \$9,004.32. Of this amount, \$1,100 was received from appropriation for Town debt, \$1,500 from appropriation for Duxbury & Cohasset Railroad Sinking Fund, \$5,397.90 was assessed to cover deficiencies of last year, the balance from receipts from liquor licenses and miscellaneous receipts received during the year.

The temporary debt, as represented by notes of the Town, is \$38,800 against \$38,900 last year, \$5,100 having been paid, and a new loan of \$5,000 contracted, under authority of the Town, to provide in part for the construction of the New Grammar school-house on Whiting Street.

The whole amount assessed for taxes in 1885 was \$71,523.06 against \$70,314.03, assessed in 1884, and with a slightly reduced valuation, made the rate of taxation \$14.00 against \$13.60 in 1884, of which about ten per cent. remains uncollected.

Of the tax of 1885, there was received from the national banks, as tax on the market value of their shares, the sum of \$1,252.70, which was paid by the banks under protest, pending a suit which has or will be brought by the banks in the United States Courts, to receive back the whole or part of the tax, claiming that the tax is illegal, inasmuch as the charters of national banks protect them from local taxation, at a rate greater than other moneyed capital is taxed, while savings banks are taxed by the State only one-half per cent., with allowances, while national banks are taxed on an average equal to one and one-half per cent. on their entire capital, most of which they also claim is in government bonds, and not liable to local taxation. Of the amount of \$7,250 received from the banks, the State claims that portion of the tax which

is assessed to non-residents, and which amounted the past year to \$4,263.77 and has been paid to the State Treasurer, under protest. In case the suit should be decided in favor of the banks, after the usual delay, it is likely to take a large amount from the treasury, and also effect a change in the valuation for assessment, which would be seriously felt in the increased rate of taxation on other property.

There has been expended for indigent aid to soldiers, during the year, the sum of \$1,070.55. The amount due from the State will leave a deficiency of \$534.03 to be provided for.

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*TOWN DEBT AND INTEREST ACCOUNT.*

Jan. 1, 1885.	CR.	
By balance from old account.....		\$383 59
By appropriation .....		3,200 00
By rebate of interest.....		8 64
Dec. 31, 1885.		
By interest received from delinquent taxes. ....		463 69
		<hr/> \$4,055 92
	DR.	
To payment of interest on Duxbury & Cohasset Railroad loan.....	\$570 00	
To interest on loans in anticipation of taxes .....	129 12	
To interest on temporary loans .....	1,769 27	
To payments on principal of outstand- ing notes.....	1,100 00	
		<hr/> 3,568 49
Undrawn .....		\$487 43

To provide for the payment of interest on temporary and Duxbury & Cohasset Railroad loans, together with a payment for the reduction of outstanding indebtedness of \$1,200, will require an appropriation of \$3,000, which is recommended.

## ROADS AND BRIDGES.

CR.

By appropriation .....	\$9,500 00
Cash from—	
Nathaniel Morton, repairs on wall, arch bridge...	52 00
J. F. Towns, harness .....	6 50
S. H. Doten, labor on sidewalks .....	10 00
Reimbursements from—	
Poor department.....	407 99
New road department ... ..	1,362 50
Burial Hill, grading .....	51 35
Estate of A. Danforth, edge stone. ....	19 88
	<hr/>
	\$11,410 22

DR.

To payments in 1885.....	\$10,019 23
Undrawn .....	<hr/>
	\$1,390 99

The gross expenditures for roads and bridges the past year has been \$10,019.23, against \$10,283.21 in 1884, and less the earnings of the teams in other departments, \$8,109.01, against \$9,562.07 in 1884. Exceptional expenses have been paid of \$581.80 for damages on the highway, and \$100 to B. B. Newhall for damages caused by change of grade on Cushman Street; in all, \$681.80, which has been included in the account. The difference in net expenditure is chiefly in the amount of labor on new roads, the greater portion of which has been done by the teams and men belonging to the Road Department, and for which that Department has received credit in the account. The general repairs on roads have not varied materially from former years. No special item involving large expenditure has been incurred.

Some complaints were made during the early part of the Winter that the roads in many places were soft and muddy, especially where repairs had been made with new material during the past year. To the clayey nature of the material, together with the condition of the weather during that time, with continuous rain and freezing and thawing at frequent intervals, must be attributed the unusual condition of the roads at that time, especially in the southern portion of the Town. There is in that section of the Town but two kinds of material for roads—one mixed with clay and the other largely mixed with sand. The former material, while muddy during the first season and in an open Winter, invariably makes good roads during the greater portion of the year. The sandy material, while more free from mud during the Winter and early Spring, does not make a good road during the balance of the year, and is the cause of frequent complaints, and the Surveyors are obliged to use the material which, on the whole, best answers the purpose through the year. Where there is a great scarcity of any other road material that condition of things under unfavorable weather must exist to a greater or less degree.

The question of resorting to broken stone for macadamizing the streets in the central portion of the Town, where the travel is great, will soon have to be considered. The absence of stone in sufficient quantities to locate a crusher at any one point convenient for distribution, and the largely increased cost over other material, has heretofore been the chief obstacle to recommending its adoption by the Town. But the increasing difficulty of obtaining other suitable material may compel the Town to resort to it, even at a great addition to the present cost of repairing roads.

The question of surface drainage in some sections of the Town is becoming a troublesome matter, and may soon require a considerable outlay to provide for it. There has been ex-



pended for permanent improvement of sidewalks the past year \$1,040 which has slightly exceeded the appropriation.

Notices have been given to the Town by parties claiming to have received damage from the falling of the tree in Town Square, Dec. 26, the claim being founded on an alleged defect in the highway, which they claim renders the Town liable for damage under a recent statute which has never been passed upon by the courts. It is a doubtful question whether the courts will construe the case in question as one coming within the statute. The importance to the Town of a decision by the courts as to the liability of the Town in the future from trees, with our streets lined with them, and liable from heavy gales and accumulation of snow and ice, to similar accidents, is one to be considered, and which the Selectmen believe may be worth the cost of defending a suit in case one is brought.

The Selectmen in the cases referred to have considered that they had no authority to recognize the claims, or take action in the matter, but in case suits were brought, to obtain authority to defend or settle the claims as the Town should instruct.

An appropriation of \$1,500, in addition to the balance standing to the credit of the account, and an additional appropriation of \$1,000 for permanent improvement of sidewalks the coming year, is recommended.

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#### *NEW ROADS.*

DR.

To payments in 1885.....	\$4,826 10
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CR.

By appropriation .....	1,000 00
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Overdrawn.....	\$3,826 10
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Of the expenditures for new roads during the year, \$4,261.85 was expended for the new road from Court to Water Street, \$3,250 of which was for land damages. \$440 was expended

for the widening of Court Street at the north part of the Town, and \$124.15 for awards and bills outstanding prior to January 1, 1885.

The appropriation for new roads, made at the annual meeting, did not include the working and land damages for the road from Court to Water Street, but was authorized at a special meeting, at which authority was granted to borrow a sum not exceeding \$5,000, the same to be included in the appropriation for 1886. The amount expended has been met from the treasury and occasions the overdraft in the account. The working of Whiting Street was postponed last year on account of more pressing work elsewhere, but the working is included in the estimates for 1886.

The Selectmen have laid out Bartlett Street as a Town-way from Russell Street to the land of Isaac L. Wood, which will be reported to the Town at the annual meeting. The cost to the Town will probably only include the working, as no claim is made for land damages.

A petition has been presented for an extension of the road leading from Court Street, near the Woolen Mill, to Mill Village, under the railroad track, on which no action has yet been taken.

To provide for the working of roads already laid out and contemplated, will require an appropriation of \$1,700.

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### *WATER WORKS.*

Dec. 31, 1884.	CR.	
By balance of old account .....		\$1,017 82
By receipts from water rents, labor and materials.		14,670 30
		<hr/> \$15,688 12

## DR.

To payments in 1885 . . . . .	\$13,563 03	
To payment to trustees of Water Scrip		
Sinking Fund . . . . .	1,000 00	
	<hr/>	14,563 03
Balance undrawn . . . . .		\$1,125 09

The income from Water Works the past year is \$14,670.30, against \$13,842.13 in 1884, an increase of \$828.17. The expenditures are \$13,563.03, against \$12,917.82 in 1884, an increase of expenditure of \$645.21, leaving a net gain in income for 1885 of \$182.96, and a balance to the credit of the Works of \$1,125.09, of which amount \$1,000 will be applied to the sinking fund.

A saving has been effected during the year in the interest charges (by funding the debt) of \$700, which, added to the expenditures, would have nearly absorbed the income. Exceptional expenditures, aggregating some \$2,000, have been incurred during the year, which will account for the increased payments, and appear in the report of the Commissioners.

The loan for \$70,000, which became due June 1, 1885, has been renewed within a limit of thirty years, the bonds bearing 4 per cent. interest, having been placed with the Provident Institution for Savings in Boston, they being the highest bidders, at a premium of  $6\frac{1}{2}$  per cent., amounting to \$74,550. Maturing bonds have been presented and paid to the amount of \$68,000, leaving \$2,000 of the bonds still outstanding, which will be paid on presentation from the amount retained in the treasury to provide for it.

Of the premium received on the bonds amounting to \$4,550, \$4,000 have been applied to the payment on account of a note to the Plymouth Savings Bank, and \$232.50 for expenses of preparing and delivering the bonds; the balance, \$317.50, will be applied to the sinking fund.

The bonds as issued provide for \$2,800, becoming due each year, commencing June 1, 1890, and annual payments for twenty-five years of that sum will retire the loan at its maturity, June 1, 1914.

In the plan recommended by the Selectmen, in the report of last year, and adopted by the Town, provision was made for retiring \$2,500 each year for ten years, commencing June 1, 1890, and \$3,000 for the balance of the time—say fifteen years.

The act provided for retiring the loan in proportional payments, which the above plan was supposed to comply with. The counsel for the bidder was not willing to approve the loan unless the payments were made in equal amounts, and his bid being  $1\frac{1}{4}$  per cent. higher than the next highest bidder, it was decidedly for the interest of the Town to comply with his terms, and was accepted, as the only difference would be in the requirement of an additional yearly amount of \$300 of the bonds to mature the first ten years to equalize the payment.

There has been added to the sinking fund during the year by contribution from the balance to the credit of Water Works, Jan. 1, 1885, \$1,000. The sinking fund now amounts to \$3,870.98, with amounts of \$1,000 due to it from balance now to the credit of Water Works for 1885, and \$317.50 balance of premium received from sale of bonds on renewal of loan heretofore referred to.

The interest payments on outstanding loans will be less in the sum of \$700 for 1886, and with the prospective income from the Works, the balance of yearly income for the next four years should be ample to provide for the sinking fund to retire the loan of \$12,000 becoming due in 1890.

Reference to the report of the Commissioners will more fully explain the operations for the year.

## CONTINGENT.

Dr.

To—	
Town Clerk, services . . . . .	\$171 95
Stone bounds for street lines . . . . .	26 40
Town Forester . . . . .	4 43
Moderator town meetings . . . . .	10 00
Rent of halls for town meetings . . . . .	95 00
County map . . . . .	6 00
Bills for legal services . . . . .	241 00
Old Colony Book Bindery, books and binding voting lists . . . . .	8 00
Record books . . . . .	5 50
Repairs on town bell . . . . .	11 50
James Cox, Boston Directory . . . . .	5 00
Weston's express . . . . .	11 71
Repairs on Chiltonville Burial Ground fence, and lead and oil for painting same . . . . .	92 49
Ellis Benson, care of town clock . . . . .	25 00
Carriage hire perambulating town lines . . . . .	10 00
John Atwood, services as Constable . . . . .	28 00
Services of Board of Registration . . . . .	92 00
Copy of Davis' Landmarks . . . . .	3 50
Boundary post, town of Bourne . . . . .	1 75
Harlow & Bailey, stand pipes, etc . . . . .	20 45
Postage stamps and stationery . . . . .	74 37
V. B. Holmes, repairs on town clock, etc . . . . .	3 30
Repairs and whitewashing lock-up . . . . .	7 58
W. J. Waterson, carting . . . . .	2 25
Return of births . . . . .	38 75
Return of deaths . . . . .	37 00
Printing town reports and other printing bills . . . . .	395 80
Janitor to town building . . . . .	73 78
Coal bills . . . . .	84 25



Repairs and furniture in and about Town House .	\$705 98
Sewer extensions .....	150 16
Committee on Inland Fisheries.....	24 00
Bills of fires in the woods . . . . .	148 73
Expenses of Board of Health . . . . .	386 59
Grand Army, Decoration Day . . . . .	125 00
Sundries .....	10 65
Services of Selectmen.....	625 00
	<hr/>
	\$3,762 87

CR.

By—

Balance from old account.....	\$173 45	
Appropriation.....	3,000 00	
Sewer rights.....	348 22	
Voting list .....	55	
Cash from sale of desk . . . . .	10 00	
Cash from sale of furnace.....	6 00	
Cash from sale of armory fixtures ....	15 00	
	<hr/>	3,553 22
Overdrawn.....		\$209 65

The expenditures under this account have been larger than usual, caused chiefly by repairs in and about the Town House, amounting to \$705.98, the items comprising this amount are, viz.: Shingling the roof of the Town House, costing \$98.71. Fitting up and furnishing the Selectmen's room and offices in the upper rooms, \$321.22. Fence in front of the building, \$109.64 and \$150 for new furnace, the old one being too small to properly heat the whole building. The expenses on account of the Board of Health have been exceptionally large and account for the overdraft in the account.

An appropriation of \$3,000 in addition to the deficiency will be required for the current year, and is recommended.



*SCHOOLS.*

## CR.

By appropriation .....	\$24,000 00
By order from Road Department .....	5 00
By interest from Murdock Fund.....	18 25
	<hr/>
	\$24,023 25

## DR.

To payments in 1885 .....	24,604 63
	<hr/>
Overdrawn .....	\$581 38

The expenditures on account of schools, as compared with last year, show an increased net expenditure of \$2,023.94, the expenditures for the present year being \$24,604.63 against \$22,580.69 in 1884. The report of the School Committee will probably furnish the Town with the necessary explanations and requirements for the current year.

*POOR.*

## CR.

By balance from old account .....	\$424 92
By appropriation .....	6,500 00
By interest from Murdock Fund.....	18 25
By reimbursements .....	1,434 88
	<hr/>
	\$8,378 05

## DR.

To payments in 1885 .....	7,999 27
	<hr/>
Undrawn .....	\$378 78

The net expenditures on account of poor is \$6,564.39, against \$6,469.00 in 1884.

An appropriation of \$6,500 is recommended,

*INSANE POOR.*

DR.

To expended in 1885 .....	\$2,238 88
---------------------------	------------

CR.

By appropriation for deficiency .....	\$100 66	
By appropriation, 1885 .....	1,600 00	
By reimbursements .....	435 76	
	<hr/>	2,136 42
Overdrawn .....		<hr/> \$102 46

*NEW NORTH INTERMEDIATE SCHOOL BUILDING.*

CR.

By appropriation undrawn .....	\$700 00
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*LIGHTING STREETS AND TOWN HOUSE.*

Dec. 31, 1885. CR.

By balance from old account .....	\$22 27
By appropriation .....	1,400 00
	<hr/>
	\$1,422 27

DR.

To payments in 1885 .....	1,408 14
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Undrawn .....	\$14 13
---------------	---------

There have been two gas lights added the present year, one each on Chilton and Carver Streets, making the present number fifty-four.

There are twenty-one lamps, either burning oil or illuminating gas.

The amount paid for gas for the street lights and Town House has been \$1,146.51, for repairs and replacing lanterns, \$45.99, and for lighting and oil for twenty-one oil burning lamps, \$215.64, in all \$1,408.14.

An appropriation of \$1,450 for the coming year is recommended.

*VINE HILLS CEMETERY.*

Dec. 31, 1885.	Cr.	
By balance from old account.....		\$453 50
By sale of lots in 1885.....		292 35
		<hr/>
		\$745 85

Dr.

To payments in 1885.....		539 57
		<hr/>
Undrawn.....		\$206 28

There have been sold during the year seventeen lots, from which has been received \$275.85, and \$16.50 for lots sold in previous years.

There is due for two lots sold, but not paid for, \$34.99.

*FIRE DEPARTMENT.*

Dec. 31, 1885.	Cr.	
By balance from old account .....		\$50 86
By appropriation.....		3,000 00
		<hr/>
		\$3,050 86

Dr.

To payments in 1885.....		2,841 22
		<hr/>
Undrawn .....		\$209 64

*COLLECTOR OF TAXES.*

Dec. 31, 1885.	Cr.	
By balance from old account.....		\$22 99
By appropriation .....		500 00
		<hr/>
		\$522 99

## CONTRA, DR.

To paid Collector, collecting back taxes, \$8,299.33, at 1 per cent.....	\$82 99	
Salary .....	500 00	
	<hr/>	\$582 99
Less 1 per cent. on \$7,357.75 uncol- lected .....	73 57	
	<hr/>	509 42
Undrawn .....		<hr/> \$13 57

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WATCH AND POLICE.

Dec. 31, 1885.	DR.	
To balance of old account .....		\$9 03
To payments in 1885.....		1,271 10
		<hr/> \$1,280 13
	CR.	
By appropriation .....		1,260 00
		<hr/> \$20 13
Overdrawn .....		

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WARREN FUND.

Jan. 1, 1885.	CR.	
By balance of old account .....		\$1,095 56
By interest.....		50 00
		<hr/> \$1,145 56
Balance.....		

*FRESH BROOK.*

Dec. 31, 1885.	CR.	
By balance from old account.....		\$11 92
	DR.	
To payment in 1885.....		7 00
Undrawn ....		<u>\$4 92</u>

*BURIAL HILL.*

	CR.	
By appropriation .....		\$500 00
	DR.	
To payments in 1885 .....		375 03
		<u>\$124 97</u>

The amount available from the Warren Fund, in addition to the balance to the credit of the account, will provide for the care and improvement of the Hill, and no appropriation is recommended.

*TREASURER.*

	CR.	
By appropriation .....		\$600 00
	DR.	
To Treasurer's salary, 1885 .....		\$600 00

*SEXTON.*

	CR.	
By appropriation .....		\$125 00
	DR.	
To sexton's salary, 1885 .....		\$125 00

*ABATEMENTS.*

Dec. 31, 1885.	CR.	
By abatements, balance of old account . . . . .		\$ 1,255 27
By overlay, 1885. . . . .		1,331 88
		<hr/>
		\$2,587 15
	DR.	
To abatements in 1885. . . . .		797 56
		<hr/>
Balance. . . . .		\$1,789 59

*ASSESSORS.*

	DR.	
To payments in 1885. . . . .		\$871 86
	CR.	
By balance from old account. . . . .	\$67 22	
By appropriation . . . . .	800 00	
	<hr/>	867 22
Overdrawn. . . . .		<hr/>
		\$4 64

*DUXBURY & COHASSET RAILROAD SINKING FUND.*

	CR.	
By appropriation. . . . .		\$1,500 00
	DR.	
To payment on account note at Plym-		
outh Savings Bank. . . . .	\$750 00	
To payment on account note at Plym-		
outh Five Cents Savings Bank. . . . .	750 00	
	<hr/>	\$1,500 00



*TRAINING GREEN FUND.*

Dec. 31, 1885.

CR.

By balance from old account.....	\$676 01
By interest.....	27 48
	<hr/>
Balance.....	\$703 49

*MURDOCK FUND.*

CR.

By fund re-established.....	\$730 00
By interest.....	36 50
	<hr/>
	\$766 50

DR.

To payment to poor account.....	\$18 25
To payment to schools.....	18 25
	<hr/>
	36 50
	<hr/>
Balance.....	\$730 00

The Guide Boards of the Town have been replaced and repainted and are reported in good condition.

*APPROPRIATIONS.*

Schools.....	\$21,300 00
School books and supplies.....	1,800 00
Town debt and interest.....	3,000 00
Roads and bridges.....	7,500 00
Improvements of sidewalks.....	1,000 00
Fire Department.....	2,800 00
Watch and police.....	1,300 00
Lighting streets and town house.....	1,450 00
Insane poor.....	1,725 00

New roads.....	\$1,700 00
Contingent.....	3,000 00
Poor.....	6,500 00
Assessors.....	950 00
Collector of Taxes.....	500 00
Treasurer.....	600 00
Duxbury & Cohasset Railroad Sinking Fund.....	1,500 00
Sexton.....	125 00
	<hr/>
	\$56,750 00

## DEFICIENCIES.

Contingent.....	\$209 65	
Schools.....	581 38	
Insane poor.....	102 46	
Indigent soldiers aid.....	534 03	
New roads.....	3,826 10	
	<hr/>	5,253 62
		<hr/>
		\$62,003 62

The revenue not otherwise appropriated  
is estimated as follows:

Corporation tax.....	\$5,500 00	
Bank tax.....	2,000 00	
Miscellaneous receipts.....	300 00	
	<hr/>	7,800 00
		<hr/>
		\$54,203 62

Leaving the sum of \$54,203.62, which it is recommended be  
raised by taxation for the expenses of the current year.

WILLIAM H. NELSON,	} <i>Selectmen</i> <i>of</i> <i>Plymouth.</i>
EVERETT F. SHERMAN,	
L. T. ROBBINS,	
JOHN CHURCHILL,	
WINSLOW B. STANDISH,	

PLYMOUTH, Feb. 10, 1886.

## VALUATION.

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Real estate .....	\$3,136,425 00
Personal property .....	1,406,425 00
	<hr style="width: 100%; border: 0.5px solid black;"/> \$4,542,850 00

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Gain in real estate .....	\$32,800 00
Loss in personal property .....	74,600 00

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Number of polls, 1,943.

Number of polls, women, 10.

Tax on polls, \$2.00.

Rate of taxation, \$14.00.

Number of horses, 557.

Number of cows, 413.

Number of sheep, 75.

Number of dwelling-houses, 1,267.

Number of acres of land taxed, 50,700

## COPY OF ARTICLES IN THE WARRANT

*FOR THE ANNUAL TOWN MEETING, TO BE HELD  
IN DAVIS HALL, AT 8.30 O'CLOCK IN THE  
FORENOON OF MARCH 1, 1886.*

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ARTICLE 1. To choose a Moderator.

ARTICLE 2. To hear the report of the several officers and committees of the Town, and act thereon.

ARTICLE 3. To choose all necessary Town officers.

ARTICLE 4. To choose a Committee to regulate the fisheries in Agawam and Half-way Pond rivers, and take such other action relating to the same as the Town shall deem expedient.

ARTICLE 5. To choose one Water Commissioner to serve for three years.

ARTICLE 6. To revise and accept a list of jurors prepared by the Selectmen.

ARTICLE 7. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes, and for disbursements under the provisions of the laws relating to State aid, and to defray the expenses of the Town after January 1, 1887.

ARTICLE 8. To see if the Town will authorize the Collector of Taxes to use all means of collecting the taxes which a Town Treasurer, when appointed a Collector, may use.

ARTICLE 9. To make the necessary appropriations to defray the expenses of the Town, and for other purposes, and raise such sums of money as the Town shall deem expedient.

ARTICLE 10. To see if the Town will raise the sum of \$125 to defray the expenses of Decoration Day.

ARTICLE 11. "Shall licenses be granted for the sale of intoxicating liquors in this Town?" Vote to be by separate ballot, "yes" or "no," in answer to the question.

ARTICLE 12. To see if the Town will accept the laying out of Bartlett Street, as made by the Selectmen.

ARTICLE 13. To see if the Town will authorize the Selectmen to prosecute, compromise or defend, any claim or suit within the Commonwealth in the name of the Town.

ARTICLE 14. To see if the Town will pay the sum of \$2.00 a day to its laborers.

ARTICLE 15. To see if the Town will accept an act passed by the Legislature of the Commonwealth in the year 1882, entitled, "An act authorizing towns and cities to lay out public parks within their limits."

ARTICLE 16. To see what action the Town will take on the claim of Samuel Sampson, administrator of the estate of Alice B. Sampson, for damages on account of the death of said Alice B. Sampson by reason of the Town Tree, so called, falling upon her.

ARTICLE 17. To see if the Town will authorize the Selectmen to dispose of the Indian lands in South Plymouth.

## ABSTRACT OF RECORDS FOR 1885.

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*Voted*—That hereafter, until further ordered, the Selectmen be instructed to insert in the warrant for the annual meeting, the article for the choice of Town officers after the article for hearing the annual reports, and acting thereon.

*Voted*—That the Committee on Inland Fisheries be instructed to enforce the laws relating to inland fisheries, and that they be authorized to incur all necessary expense not exceeding fifty dollars.

*Voted*—That the Selectmen be instructed to confer with the County Commissioners and consider the expediency of releasing to the County, for a nominal consideration, a strip of land on the north slope of the hill outside of Burial Hill fence, not exceeding twenty feet in width, provided the County build and maintain a substantial wall to support the bank, and report to the Town at the next meeting.

*Voted*—That licenses be granted for the sale of intoxicating liquors in this Town. Yeas, 255; nays, 203.

*Voted*—That \$1,000 of the appropriation for roads and bridges be expended for the permanent improvement of sidewalks, and that the Selectmen be directed, in making up their estimates, hereafter to state separately the amount to be devoted to permanent improvement of sidewalks.

*Voted*—To amend the By-Laws of the Town "concerning truant children and absentees from school," by striking out the first section thereof and inserting in its place the following:



“Any of the persons described in Section 10, Chapter 48, of the Public Statutes, upon conviction of any offence in said section described, shall be committed to the room adjoining Selectmen’s room in Town House, in Plymouth, for such time as the judge, justice or court having jurisdiction of the offence may determine.

*Voted*—That the present Water Scrip Sinking Fund, and the balance available from the income of the Water Works the past year, be set apart as a sinking fund for the payment of debt of \$12,000, incurred on account of the Pumping Station, and that the sum of \$2,000 annually, for the years 1886 to 1889 inclusive, be taken from the income of the Water Works and added to said sinking fund.

*Voted*—That the Town grant to the Public Library the whole of the dog fund for the year 1884, now in the treasury, to wit: \$666.78, and appropriate the sum of \$333.22 for the maintenance of said Library.

*Voted*—That the Selectmen be authorized to make such arrangement with Mr. Charles G. Davis and others, as they may think expedient, relative to a permanent passage way through their lands from Main to School Street, and failing therein, to ascertain and protect the rights of the Town, if any, in Thomas Alley, so-called.

*Voted*—That the Town accept Chapter 58 of the Legislative acts of 1885, entitled an act to authorize the Town of Plymouth to issue securities to renew its water loan, and that the Treasurer be authorized to issue bonds, notes or scrip to an amount not exceeding, in the aggregate, \$70,000,—such bonds, notes or scrip to bear on the face thereof the words “Plymouth Water Loan act of 1885,” to be payable at the expiration of periods not exceeding thirty years from the first day of June, in the year 1885, to bear interest payable semi-annually at the rate of four per centum per annum, to be

signed by the Treasurer, and be countersigned by a majority of the Board of the Selectmen of the Town, and that \$2,800 of said bonds, notes or scrip shall become due and payable each year after and including June 1, 1890.

*Voted*—That the Town favor the petition of Samuel H. Doten and others, now before the County Commissioners, for the widening of Main Street on the west side, provided that the County pay towards said widening a sum not less than \$4,000, and that the awards for damages to property owners and the working expense of said widening, exclusive of the grading and building of new sidewalks and gutters, shall not, in the opinion of said Commissioners, exceed the sum of \$12,000.

*Voted*—That the Selectmen be instructed to build the road leading from Court Street to New Water Street, in accordance with the order of the County Commissioners.

*Voted*—That the Selectmen be authorized to borrow a sum not exceeding \$5,000, to carry the above vote into effect, and that the same be assessed on the tax of 1886.

## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, Winslow B. Standish.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—John Harlow, Henry Whiting, Chas. H. Holmes.

OVERSEERS OF THE POOR—John Churchill, elected March 2, 1885; Charles P. Hatch, elected March 3, 1884; George H. Jackson, elected March 5, 1883.

WATER COMMISSIONERS—Everett F. Sherman, Nathaniel Morton, elected March 2, 1885; Samuel H. Doten, Horace P. Bailey, elected March 3, 1884; Charles O. Churchill, elected March 5, 1883.

SCHOOL COMMITTEE—Frederick N. Knapp, William T. Davis, elected March 2, 1885; George F. Weston, elected March 3, 1884; James Millar, elected March 2, 1885, to fill vacancy to March 1, 1886, caused by resignation of George A. Tewksbury, elected March 3, 1884; James D. Thurber, Charles I. Litchfield, elected March 5, 1883.

SUPERINTENDENT OF SCHOOLS—Charles Burton.

AGAWAM FISHERY COMMITTEE—Jesse R. Atwood, Joseph F. Towns, Benjamin Ward.

CONSTABLES—James B. Collingwood, William E. Baker, Joseph W. Hunting, Martin J. Hunting, Barnabas Hedge, Thomas Pierce.

BURIAL HILL COMMITTEE—Selectmen.

SUPERINTENDENT OF BURIAL HILL—William T. Davis.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins  
Edward B. Atwood, George H. Jackson, Cornelius C. Holmes.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS AND BRIDGES—Selectmen.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perty, Hosea C. Bartlett, Lewis S. Wadsworth, Jacob Southworth, William H. Pettee, Galen R. Holmes.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—William T. Hollis.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Joseph F. Towns, Benjamin Ward, Horatio Wright, Martin V. B. Douglass, Henry Whiting, Nathaniel Ellis, Nathaniel Clark, Gustavus G. Sampson, David Clark, Galen R. Holmes, Nehemiah L. Savery, George R. Briggs, Nathaniel Brown, Nathan B. Perry, Thomas Sampson.

POUND KEEPERS—Obed C. Pratt, Galen R. Holmes, Hosea C. Bartlett, Nathan B. Perry.

TRUSTEES WATER SCRIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, David H. Gilbert, Charles B. Stoddard.

BOARD OF ENGINEERS OF FIRE DEPARTMENT—Horace P. Bailey, V. B. Holmes, Peleg S. Burgess, William E. Churchill, Albert E. Davis, William E. Baker.

BOARD OF REGISTRATION—Isaac M. Jackson, John W. Churchill, Herbert Morissey, Curtis Davie.

BOARD OF HEALTH—James D. Thurber, James B. Collingwood, Charles S. Davis, Charles H. Holmes.

# REPORTS.

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## REPORT OF THE WATER COMMISSIONERS FOR THE YEAR ENDING DEC. 31, 1885.

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The report of the Water Commissioners for the year ending Dec. 31, 1885, is respectfully submitted :

The receipts for the year have been—

From water rates and other uses . . . .	\$13,891 42	
From labor, and material sold . . . . .	778 88	
	<hr/>	\$14,670 30

The payments have been—

For general expenses of maintenance .	\$2,802 34	
For expenses at Pumping Station . . . .	1,812 61	
For interest paid on water scrip . . . .	4,640 00	
For interest paid on steam pump loan .	570 00	
	<hr/>	\$9,824 95
For extension of water pipes . . . . .	\$1,734 10	
For new boiler and setting at Pump Station . . . . .	986 38	
For stone work at South Pond . . . . .	1,017 60	
	<hr/>	3,738 08
For balance of income . . . . .		1,107 27
		<hr/>
		\$14,670 30

The charges for construction are larger than usual although the extensions of water pipes have not been in excess of previous years. The new boiler, and improvement at South Pond, causing the increased expense.

The collection for the year on water account exceeds the amounts paid for maintenance, pumping expenses and interest, by the sum of \$4,066.47, and an increased income may be expected the coming year.

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### *WATER SUPPLY.*

The pumping record of Mr. H. F. Gibbs, the Engineer, states the quantity of water delivered during the year to be 200,335,179 gallons, or a daily average of 548,863, and compared with last year an increased daily consumption of 58,784 gallons. This is a large increase and may be accounted for in some measure by the too free use of hose pipes, and in violation of the regulations adopted by the Town for such purpose, one hour each day being the limit for such use.

The steam pump contracted for in 1879 was considered by the Commissioners adequate to the demand upon it for a comparatively long period, but the record of last Summer has unexpectedly shown, that part of the time, the pump has been run to nearly the capacity contemplated by the contract, the water pressure at the station reaching the height of 120 feet above South Pond, the quantity of water delivered during that part of the season the large consumption continued, reaching the average of 55,754 gallons an hour, or 4,247 short of the maximum quantity specified in the contract.



*PUMPING WORKS.*

The new boiler, the procuring of which was advised in the report of last year, was furnished by the "Whittier Machine Company," the builders of the old one, is of the same size, and furnishes steam with equal economy of fuel.

The running of the pumping machinery for six years, without repair other than that made by the Engineer, is sufficient assurance that the contractors furnished machinery of thorough workmanship.

The Town should, however, consider that a sudden breaking of some part may occur, and the result of such event is not pleasant to contemplate, in view of the quantity of water required daily.

To be thrown upon the supply by gravitation from South Pond would afford little relief, as the water delivered in such an emergency is scarcely an excess of the quantity required for supplying the Woolen Mill for manufacturing purposes.

It is the opinion of the Engineer that a thorough examination of the engines and pumps should be made, and that such part of the work as appears impaired by the long and continued use, replaced by new. He does not anticipate an expensive outlay, but the giving out of an inexpensive part may cause the inconvenience, and probably distress, it is desirable to avoid.

For several years the Commissioners have, in their reports to the Town, called attention to the necessity of some provision being made for a supply in such emergency, recommending the construction of a storage reservoir, so located as to furnish a continued supply to high service water-takers.

The Commissioners renew the recommendation, and in view of the repairs that must soon be made to the pump and engine, advise that measures be taken the coming year for forwarding this needed improvement of the Works.

### IMPROVEMENTS AT SOUTH POND.

The height of the water last year in Great and Little South ponds prevented the building of the contemplated wall at the channel between these ponds. This season being more favorable for the work, the water was shut from the larger pond, and Little South reduced to the extent of leaving the channel sufficiently dry to lay the stone foundation. A wall on each side four feet high has been completed, extending from near the stone bridge, built a few years since, to the shore of Little South Pond, a distance of 473 feet, covered with stone, the whole well pointed with cement mortar. The walls are two feet apart, affording ample space for the run of water, by which the two ponds may be kept at or nearly level. A filling of earth three feet deep over the whole renders the work secure from damage by action of frost. Five man-holes have been provided as convenient means of examining the condition of this work, or for clearing it, should any obstruction to the run of water exist.

The building of the wall and covering was performed under contract by Mr. Elnathan Pierce, Jr., and appears to be well done, and is acceptable to the Commissioners.

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### INCOME ACCOUNT.

The report of the Collector of water rates and other amounts due the Water Works Department shows the transactions to be:

#### Charges—

For water rates and other uses . . . . .	\$14,257 76	
For labor and materials . . . . .	756 42	
For uncollected balance, water rates, 1884 . . . . .	108 93	
For uncollected balance, labor and ma- terials, 1884 . . . . .	57 35	
	<hr/>	\$15,180 46

The collections are—

On account of water rates and other uses . . . . .	\$13,891 42	
On account of labor and materials . . . .	778 88	
Uncollected on water rates' account . . .	123 45	
Uncollected on labor and materials' account . . . . .	34 89	
Abatements of rates . . . . .	351 82	
	<hr/>	\$15,180 46

Mr. Josiah A. Robbins was appointed Collector of water rates, and although in feeble health at the beginning of the year, his inability to perform the duties of the office as heretofore was not anticipated. His health not appearing to improve, the Commissioners authorized Mr. Wm. T. Hollis to act as assistant in the collections.

The expectations of the recovery of Mr. Robbins were not realized.

Mr. Hollis was appointed his successor as Collector, and the yearly dues to the Water Department have been promptly collected.

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### ORDINARY EXPENSES.

Paid—

Superintendent . . . . .	\$600 00
Collection of rates, estate of J. A. Robbins . . . .	125 10
Collection of rates, Wm. T. Hollis . . . . .	304 21
Service pipe, plumbing and hardware . . . . .	161 04
Express bills . . . . .	8 90
Canvas, white lead and oil . . . . .	29 97
Faucet boxes . . . . .	24 00
Lumber . . . . .	11 15
Printing report . . . . .	10 00
Printing bill heads and notices . . . . .	44 50

Stationery .....	\$11 48
Postage stamps and cards .....	21 08
Collector's account book of rates .....	11 50
Gas bills .....	4 14
Fuel .....	17 00
Rubber goods .....	3 50
Iron tops to faucet and valve boxes .....	44 32
Blacksmith work .....	14 73
Teaming and carriage hire .....	263 15
Carpenter work and painting .....	13 75
Repairs on clock .....	85
Stove to office .....	20 00
Labor bills .....	1,057 97
Interest on water scrip .....	4,640 00
	<hr/>
	\$7,442 34

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*PUMPING STATION EXPENSES.*

Paid—

Salary of Engineer .....	\$700 00
Extra pumping .....	107 96
196 tons coal .....	905 75
One cord wood .....	5 00
Machine oil .....	5 00
Kerosene oil .....	7 00
Packing and cotton waste .....	26 98
Soda .....	5 85
Hardware, pipe fittings and labor .....	24 07
Boiler inspection .....	25 00
Interest on pump loan .....	570 00
	<hr/>
	\$2,382 61
	<hr/>
Total of maintenance and interest .....	\$9,824 95

*CONSTRUCTION EXPENSES.*

Paid for—

Wrought-iron pipes .....	\$532 51
Cement .....	343 00
Valves for main pipe .....	110 50
Freight on pipe and cement .....	107 38
Teaming .....	36 15
Weston pulley, 2 tons lift .....	30 00
Cast-iron stand pipe .....	9 91
Labor .....	271 68
On account of reservoir fence .....	292 97
	<hr/>
	\$1,734 10

*NEW BOILER.*

Paid—

Whittier Machine Company for boiler .....	\$403 94
12 M. brick .....	126 50
Lime .....	13 75
Fire brick and clay .....	38 73
Sand .....	6 00
Mason work .....	107 50
Placing boiler in station .....	10 50
Teaming .....	4 37
Carriage hire .....	18 00
Piping and valves .....	64 20
Machine work .....	63 33
Express .....	2 85
Railroad freight .....	10 97
Steam gauge .....	8 40
Fossil meal .....	10 90
Carpenter work .....	11 50

Lumber . . . . .	\$18 94
Board of workmen on flue to boiler . . . . .	6 00
Horse and carriage house . . . . .	60 00
	<hr/>
	\$986 38

### WORK AT SOUTH POND.

Paid—	\$798 19
E. Pierce, Jr., for work on stone wall, by contract.	30 00
E. Pierce, Jr., for stone . . . . .	54 75
E. Pierce, Jr., for extra work . . . . .	20 00
2 M. brick . . . . .	19 05
Carting cement and lumber . . . . .	24 00
Lumber . . . . .	70 61
Iron tops to man holes . . . . .	1 00
Surveying . . . . .	
	<hr/>
	\$1,017 60
Total payments on account of construction . .	<hr/> <hr/> \$3,738 09

### WATER WORKS ACCOUNT.

#### CR.

Balance account, January 1, 1885. . . . .	\$1,017 82
Receipts for year ending December 31, 1885. . . . .	14,670 30
	<hr/>
	\$15,688 12

#### DR.

Paid—	\$4,614 95
On account of maintenance . . . . .	5,210 00
On account of interest . . . . .	3,738 08
On account of construction . . . . .	1,000 00
To Trustees Water Scrip Sinking Fund . . . . .	1,125 09
Balance of account, December 31, 1885 . . . . .	
	<hr/>
	\$15,688 12

C. O. CHURCHILL,  
SAMUEL H. DOTEN,  
NATHANIEL MORTON,  
E. F. SHERMAN,  
H. P. BAILEY,

} *Water  
Commissioners.*



# PUMPING RECORD FOR 1885.

43

MONTH.	Hours Run.	Coal Used in Pumping.	Coal Used in Banking.	Number of Revolutions.	Gallons Pumped.	Gallons Pumped in 1884.
January,	359	25,360	3,100	316,779	15,053,338	15,017,745
February,	326	28,725	2,800	325,537	15,469,518	12,879,155
March,	358 $\frac{3}{4}$	30,840	3,200	352,900	16,769,808	13,299,564
April,	330	24,455	3,160	304,525	14,471,028	11,975,087
May,	355 $\frac{3}{4}$	25,385	3,100	329,960	15,679,699	14,233,190
June,	358 $\frac{1}{2}$	32,455	3,000	369,419	17,554,790	15,961,777
July,	378	43,760	3,100	443,291	21,065,188	16,458,409
August,	359 $\frac{1}{2}$	42,840	3,450	411,590	19,558,756	15,584,374
September,	352 $\frac{1}{2}$	35,035	3,300	373,731	17,759,697	17,064,432
October,	369	27,800	3,100	335,581	15,946,809	17,589,052
November,	341 $\frac{1}{4}$	29,185	3,000	315,213	14,789,921	14,010,749
December,	357 $\frac{1}{4}$	32,875	3,450	341,259	16,216,627	14,801,624
Totals,	4,245	378,715	37,760	4,219,785	200,335,179	178,875,158

H. F. GIBBS, *Engineer.*

## WATER COMMISSIONERS.

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CHARLES O. CHURCHILL—Term expires March, 1886.

SAMUEL H. DOTEN—Term expires March, 1887.

HORACE P. BAILEY—Term expires March, 1887.

NATHANIEL MORTON—Term expires March, 1888.

EVERETT F. SHERMAN—Term expires March, 1888.

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SUPERINTENDENT—Richard W. Bagnell.

WATER REGISTRAR—William T. Hollis.

CHIEF ENGINEER AT PUMPING STATION—Harrison F. Gibbs.

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Superintendent's office in rear of Engine House, Main Street.

Rates payable at Town Treasurer's office, semi-annually, in advance, May 1 and November 1.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at Town House.

## SUPERINTENDENT'S REPORT.

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OFFICE OF SUPERINTENDENT WATER WORKS, }  
PLYMOUTH, January 1, 1886. }

TO THE COMMISSIONERS OF WATER WORKS:

GENTLEMEN—I present to you my twelfth annual report, showing briefly the operations of this Department during the year ending Dec. 31, 1885.

### *CONSTRUCTION.*

There has been laid during the year 1,193 feet of wrought iron and cement pipe, at a cost of \$679.34. Of this, 77 feet was 2-inch pipe laid on Winslow Street, 20 feet of 4-inch pipe laid on Water Street, and 540 feet of 4-inch pipe laid on Brewster Street, all connected on Water Street, at junction of Brewster Street. Also, lowered 60 feet of 2-inch pipe on Winslow Street to conform to new grade, at a cost of \$338.71, including the setting of two 2-inch gates on Winslow Street, and one 4-inch gate on Water Street, north of Brewster Street branch; 155 feet of 4-inch pipe laid on Summer Street to residence of Edwin S. Paulding, at a cost of \$85.88; 90 feet of 4-inch pipe laid on Samoset Street to residence of Charles L. Johnson, at a cost of \$48.25; 311 feet of 4-inch pipe laid on Brewster Street from Court Street to connect with the pipe laid from Water Street, at a cost of \$206.50, including the lowering of 130 feet of the 4-inch pipe on Brewster Street, and the setting of one 4-inch gate on Court Street on the Brewster Street branch,

*SERVICES.*

There has been 30 services put in during the year, at a cost of \$133.82, making a total of 1,242 service pipes attached to the main and distribution pipes, the street length being 24,840 feet. There have been eight leaks in the service pipes this year, the cost of repairs being \$20.44. The number of new taps during the year has not been as large as last year. In three cases galvanized iron service pipes have been taken out and replaced by cement-lined or lead.

The number of services pipes laid the last twelve years are shown in the following table.

When laid.	Number.
During 1874,	58
1875,	17
1876,	46
1877,	25
1878,	29
1879,	35
1880,	27
1881,	23
1882,	17
1883,	40
1884,	49
1885,	30
Total for twelve years	396

*DISTRIBUTING PIPES.*

No special trouble of any kind has arisen during the year with this pipe, and all of it is at present in good order. The total number of leaks reported was 38, or 15 less than in 1884, none of a serious character, and much of it arose from changes in temperature, imperfect workmanship, and weak and defective pipes.

The main, distributing and service pipe leakages for the last twelve years are shown by the following comparative statement of annual leakages since Dec. 31, 1873:

SIZE.	1874.	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	TOTALS.
Service,													
2 inch,	4	29	13	13	5	5	11	18	10	16	7	8	139
3 "	7	32	5	7	10	6	23	46	21	13	22	13	205
4 "								1				2	3
6 "		18	3	2	4	1	23	18	6	3	14	6	98
8 "							3	2	2	1	5	3	16
10 "							4	3	1		3	1	12
	2	3					4	2	3	5	2	5	26
Totals,	13	82	21	22	19	12	68	90	43	38	53	38	499
Cost Repairs,	\$47 30	\$249 45	\$42 75	\$42 87	\$43 05	\$23 25	\$253 11	\$321 06	\$139 22	\$159 52	\$263 46	\$174 28	\$1779 32

*GATES.*

There have been seven new gates set, ranging in size from 2-inch to 6-inch ; one 4-inch on Sandwich Street, north of Mt. Pleasant Street branch, at a cost of \$24.83. The cost of the remainder is included in the costs of the extensions to which they belong.

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*RESERVOIR.*

The Reservoir has remained in its usual good condition throughout the year. I would recommend that the embankment and slopes be covered with soil and sowed with clover and grass seed the coming Spring. The water supply has been ample for all purposes, although there has been a great wastage by consumers, and, in most cases, unnecessary. One cause of the trouble is that consumers have allowed the water to run in the night to avoid the freezing of pipes, thus increasing the nightly consumption. This is one of the evils which will have to be suppressed in the near future, when the increased consumption from the natural growth of the town shall have made larger demands on the supply.

The Reservoir has been enclosed with a 4-foot picket fence, with a 2-inch plank base one foot high, the aggregate height being five feet, with driveways on Sever and Allerton streets. A gate has been placed on the southeast corner, and all gates can be kept securely locked. The aggregate length of the fence is 805 feet and 2 inches.



*LEAKS.*

The leaks, as has been the case the last twelve years, are mainly in pipes of two inches and under in diameter, 21 of the 38 reported this year occurring in pipes of this small size. The cost of repairs during the year has been \$174.28.

*BOXES.*

Forty-six service boxes and two gate boxes have been taken out and replaced by new ones, at a cost of \$54.80.

*NEW TAKERS.*

There have been added to the water takers this year 44 families, 35 water closets, 9 bathing tubs, and 3 steam boilers.

*LABOR.*

Whole amount expended for labor during the year..	\$1,356 50	
Amount paid for labor on extensions....	\$271 68	
Amount paid for all other labor . . . . .	1,084 91	
	<hr/>	\$1,356 59
Amount received for labor, trenching ...	\$324 61	
Amount received for shutting off services.	84 50	
	<hr/>	409 11
Total cost of labor during the year, less refunded		<hr/> \$947 48

*SCHEDULE*

Showing the number of feet of each size of pipe, and the number and size of stop-gates on the Works, Dec. 31, 1885 :

SIZE IN INCHES.	LENGTH OF PIPE IN FEET.	NO. OF STOP-GATES.
20	56	
12	64	2
10	18,362	8
8	4,616	8
6	8,915	10
4	42,328	53
3	9,279	12
2	29,359	65
1	1,861	7
Totals, 66	114,825	165

The street length of service pipes being 24,840 feet, with the main and distribution pipes, makes a total of 139,665 feet of pipe, or 26 miles and 2,385 feet.

The following table shows the sizes and length of the wrought-iron and cement-lined distributing pipes laid the last twelve years :

Year when laid.	2-inch.	3-inch.	4-inch.	6-inch.	8-inch.	10-inch.	12-inch.	Total No. Feet.
1874	2,679	1,296	1,305	.....	...	..	..	5,280
1875	938	.....	839	.....	...	..	..	1,777
1876	619	2,554	.....	319	...	..	..	3,492
1877	1,145	367	2,153	1,117	...	..	..	4,782
1878	588	891	2,448	1,910	...	..	..	5,837
1879	238	1,602	1,303	93	...	69	64	3,370
1880	215	873	278	.....	...	..	..	1,366
1881	256	976	180	1,492	565	67	..	3,536
1882	...	348	701	.....	...	..	..	1,049
1883	198	...	1,748	.....	...	..	..	1,946
1884	719	372	2,409	.....	...	..	..	3,499
1885	77	...	1,116	.....	...	..	..	1,193
Totals,	7,672	9,279	14,480	4,931	565	136	64	37,127

All of which is respectfully submitted,

R. W. BAGNELL, *Superintendent.*

## REPORT OF THE OVERSEERS OF THE POOR.

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The undersigned, Overseers of the Poor, submit the following report :

The calls for aid from the poor outside are a little in excess of the previous year. The inmates of the Almshouse have been well cared for, made comfortable, and, as you will see, we have not exceeded our appropriation.

Balance undrawn, Jan. 1, 1885.....	\$424 92
The Town raised for support of the poor, the past year.....	6,500 00
Received from other towns for supplies furnished their poor.....	1,434 88
Received from Murdock Fund.....	18 25
	<hr/>
	\$8,378 05
	<hr/>
Amount expended ...	\$7,999 27
Amount unexpended ...	378 78
	<hr/>
	\$8,378 05

### *INSANE POOR.*

Amount expended .....	\$2,238 88
Amount overdrawn Jan. 1, 1885 .....	\$100 66
Amount appropriated for insane poor ...	1,600 00
Amount reimbursed ..	435 76
	<hr/>
	2,136 42
	<hr/>
Overdrawn .....	\$102 46

*POOR AT THE ALMSHOUSE.*

Number of inmates, Jan. 1, 1885 .....	16
“ admitted during the year .....	5
“ discharged during the year .....	2
“ died during the year .....	4
“ remaining Jan. 1, 1886 .....	15

*INSANE POOR.*

Number at the hospitals, Jan. 1, 1885 ... ..	11
“ admitted during the year .....	4
“ discharged during the year .....	1
“ died during the year .....	3
“ remaining Jan. 1, 1886 .....	11

We recommend that there be raised for the support of the poor for the ensuing year \$6,500, and for the support of the insane poor, \$1,725, which is the same for poor, and \$125 more for insane poor.

GEORGE H. JACKSON,	} Overseers of Poor.
JOHN CHURCHILL,	
CHARLES P. HATCH,	

## FIRE DEPARTMENT.

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TO THE SELECTMEN OF PLYMOUTH:

GENTLEMEN: The Board of Engineers respectfully submit their annual report for the year ending December 31, 1885:

### *THE WORKING FORCE*

of the Department consists of six Engineers and 120 men, including twenty call members in the company at Seaside, who receive pay only when on duty. The force is not as large as last year, one company having been disbanded by vote of the Town at the April meeting.

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### *APPARATUS.*

The apparatus of the Department is the same as last year, with the exception of one old hand engine, retired by vote of the Town at the April meeting, and consists of two steamers; *one hand engine, located at Seaside*; one hook and ladder carriage with 225 feet of ladders; the steamers having each a hose carriage with 700 feet of two and one-half inch hose; hand engine hose carriage with 500 feet of two-inch hose; four independent hose carriages each with from 300 to 500 feet of two-inch hose; the hook and ladder carriage, with all necessary ropes, hooks, pikes, axes, etc. All the above in good working order.



*HOSE.*

We have at this time in the Department 5,000 feet of hose, all or nearly all in good condition, 500 feet having been purchased the past year, and now feel that the Department is well supplied with hose that can be depended upon.

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*BUILDINGS.*

All the apparatus of the Department, with the exception of one hose carriage, is now located in buildings owned by the Town, only one small room being rented for the use of the Department, and that in the south part of the Town, the hose formerly on Leyden Street having been transferred to the building on Watson's Hill, vacated by old engine. The buildings are generally in good repair, but all need painting.

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*HYDRANTS AND RESERVOIRS.*

Three new post hydrants have been added the past year, making in all sixty-two hydrants, all in good order. The five reservoirs belonging to the Town are all in good condition, except that on the Green leaks slightly, as reported last year.

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*FIRES.*

There has been but one fire the past year to which the Department was called, that at the Works of the Plymouth Cordage Company, which occurred on the evening of January 3, a very cold night. The men of the Department were promptly on hand and worked nobly, and proved that they could be depended upon under the most trying circumstances. The loss by the fire was said to be \$150,000, fully covered by insurance.

The two other fires within the limits of the Town, for which no alarm was given, they being outside of the water supply, were in the south part of the Town: one of them a stable owned by Mr. Henry Sawyer, the other a dwelling-house owned by Mr. Butters, both wholly destroyed.

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### *FINANCE.*

#### CR.

By balance from last year.....	\$50 86
By appropriation .....	3,000 00
	<hr/>
	\$3,050 86

#### DR.

To expenditures, 1885 .....	2,841 42
	<hr/>
Undrawn balance .....	\$209 44

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### *APPROPRIATION.*

It is estimated that an appropriation of \$3,000 will meet the expenses of the Department the coming year, and is recommended.

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### *RECOMMENDATION.*

The Board of Engineers desire to call the attention of the Board of Selectmen to the importance of having some sort of a chemical engine in this Department, and recommend that the matter be brought before the Town, as no fire department is considered complete without one such machine.

*CONCLUSION.*

The Board of Engineers desire to thank the members of the Department for their promptness and efficiency at all times when on duty, and for their willingness to respond to all demands made upon them, and to all citizens who have kindly assisted us, in any way, we would tender our thanks.

Respectfully for Engineers,

H. P. BAILEY, *Chief.*

## Plymouth Water Scrip Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN: We respectfully submit the statement of the condition of the Sinking Fund of the Plymouth Water Scrip at this time:

Amount received of Town Treasurer .....	\$2,759 43
Amount received of Trustees of the Duxbury & Co- Rasset Railroad Sinking Fund .....	261 60
Income from the same .....	349 95
	\$3,870 98

The amount is invested in—

Chicago & Eastern Illinois Railroad consolidated bonds, 6 per cent. ....	\$990 00
Central Massachusetts Railroad stock, 21 4-5 shares.	261 60
Globe National Bank stock, 4 shares .....	392 00
Tremont National Bank stock, 6 shares. ....	639 00
Blackstone National Bank stock, 10 shares.....	1,046 25
Plymouth Savings Bank .....	542 13
	\$3,870 98

WILLIAM H. NELSON, }  
GEORGE G. DYER,     } *Trustees.*

PLYMOUTH, Jan. 29, 1886.

## TOWN CLERK'S REPORT.

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### *MARRIAGES REGISTERED IN PLYMOUTH IN 1885.*

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- Jan. 1. John Miller and Mary Riedel, both of Plymouth.
- Jan. 14. Oliver S. Holmes of Plymouth and Bessie Rogers of Chelsea. Married in Chelsea.
- Jan. 15. William Covington and Jennie Goodie, both of Plymouth.
- Jan. 29. Charles S. Johnson of Brockton and Cynthia T. Hall of Plymouth.
- Feb. 1. William C. Harlow and Helen May Sherman, both of Plymouth.
- Feb. 8. Michael Dolan and Bridget Earles, both of Plymouth.
- Feb. 12. Thomas F. Dean of Sandwich and Elizabeth Faunce of Plymouth.
- Feb. 17. John E. Jordan and Alice F. Blanchard, both of Plymouth.
- Feb. 17. Thomas H. Dunlavy and Elizabeth C. Murray, both of Plymouth.
- Feb. 21. Adelbert L. Christie and Alice L. Christie, both of Plymouth.
- Feb. 28. Frederick A. Reviere and Ida M. Bailey, both of Plymouth.
- Mar. 3. Joseph Ray of Plymouth and Mary Jane Brown of Cambridge. Married in Cambridge.

- Mar. 3. James A. Lynn and Anna Wells, both of Plymouth.
- Mar. 12. George E. Randall and Aggie W. Dunn; both of Plymouth.
- Mar. 13. James W. Doe, of Washington, Me., and Mary A. Bartlett, of Plymouth.
- Mar. 14. Mark B. Hunnewell and Nannie M. Hall, both of Plymouth. Married in Carver.
- Mar. 26. John L. Stoff of Boston and Betsey C. Childs of Duxbury.
- Apr. 2. William R. McKenzie and Katie Ann McLean, both of Plymouth.
- Apr. 2. Moses N. Pierce and Lydia K. Raymond, both of Plymouth.
- Apr. 12. John H. Sampson of Duxbury and Hattie E. Robbins of Plymouth.
- Apr. 30. Thomas A. Holsgrove and Annie A. O'Brien, both of Plymouth.
- May 2. Elmer F. Shaw of Carver and Hattie A. Squires of Plymouth.
- May 20. William S. Kyle of Portland, Me., and Abby Morton of Plymouth.
- June 1. Ebenezer Bumpus and Hittie M. Raymond, both of Plymouth.
- June 3. Frank P. Fletcher of Concord and Letitia Hutchinson of Plymouth.
- June 10. Antoine Rose and Ida Schuls, both of Plymouth.
- June 17. Robert R. Bartlett and Lena P. Robbins, both of Plymouth. Married in Campello.
- June 18. George S. Dyer and Ada B. Smith, both of Plymouth,



- June 25. Edward H. Adams of Plymouth and Mary F. Milliken of Boston. Married in Boston.
- July 6. William C. Collingwood and Elizabeth L. Paddock, both of Plymouth.
- July 16. Thomas V. Lavache and Emily E. Verry, both of Plymouth.
- Aug. 1. Freeman S. Cornish and Elizabeth Griswold, both of Plymouth.
- Aug. 17. Oliver F. Lapham of Plymouth and Lizzie Gertrude York of Melrose.
- Sept. 2. William H. Danforth of Plymouth and Annie Amelia Gill of Boston. Married in Roxbury.
- Sept. 2. John W. Newhall and Cordelia A. Barrows, both of Plymouth.
- Sept. 3. Charles A. Smith and Hattie S. Barrows, both of Plymouth.
- Sept. 5. Willie Black, of Bangor, Me., and Luella F. Parsons of Plymouth.
- Sept. 10. Charles L. Johnson and Amelia Lawson, both of Plymouth.
- Sept. 10. George W. Morey and Annie C. Chase, both of Plymouth.
- Sept. 11. William A. Stranger of Kingston and Louisa Prior of Boston.
- Sept. 14. Charles H. Flack of Cambridge and Edith M. Griswold of Plymouth.
- Sept. 15. William R. Butters and Ida M. Lapham, both of Plymouth.
- Sept. 21. E. Thurston Damon of Plymouth and Amy W. Finney of Kingston. Married in Kingston.

- Sept. 25. Sophus Peter Larson and Mary E. Richmond, both of Plymouth.
- Oct. 10. Charles Rice and Marion F. Millington, both of Plymouth.
- Oct. 20. Vincent Dowling and Joanna D. Lynch, both of Plymouth.
- Oct. 22. George F. Stickney of Worcester and Amelia P. Lewis of New Bedford.
- Oct. 25. John Murdock and Jessie F. Tillson, both of Carver.
- Oct. 29. Frank S. Stacy and Clara F. Noyes, both of Plymouth. Married in Boston.
- Oct. 31. John P. Pierce and Henrietta M. King, both of Plymouth.
- Nov. 1. Robert J. Proctor and Nellie W. Swift, both of Plymouth.
- Nov. 2. Jahaziel J. Howard of Amoy, China, and Ellen M. Douglass of Plymouth.
- Nov. 11. Alpheus Parkhurst and Mary Booth, both of Plymouth.
- Nov. 15. Richard King and Annie Commo, both of Plymouth.
- Nov. 15. Zimri Cathcart of South Abington and Laura A. Swift of Plymouth.
- Nov. 17. Thomas H. O'Donnell and Annie M. McArdle, both of Plymouth.
- Nov. 18. Oscar Marsh of Duxbury and Nannie W. Ellis of Plymouth.
- Nov. 18. Henry L. Stegmeir of Plymouth and Margaret B. Brown of Kingston.
- Nov. 23. Albert E. Manter and Alice Hankerson, both of Plymouth. Married in Boston.
- Nov. 25. John Alexander Wood of Brockton and Susan Hudson of Plymouth.

- Nov. 25. Nathaniel Ellis of Plymouth and Emily O. Tillson of Carver. Married in Rochester.
- Nov. 26. Walter A. Dow of Somerville and Stella J. Griffin of Cambridge.
- Nov. <sup>27</sup><sub>26</sub>. Ephraim Fuller, Jr., of Plympton and Lucy F. Godfrey of Plymouth.
- Dec. 3. Henry T. Lapham and Mary E. Butters, both of Plymouth.
- Dec. 5. Catano Fratus and Mary Prara, both of Plymouth.
- Dec. 7. Ferdinand Banker and Amelia Schulz, both of Plymouth.
- Dec. 14. John Devine and Maggie Miller, both of Plymouth.
- Dec. 16. Augustus B. Rogers and Grace F. Dunham, both of Plymouth.
- Dec. 24. Caleb M. Dunham and Emeline Finney, both of Plymouth.
- Dec. 31. Frederick C. Hoyt and Lizzie McInnis, both of Plymouth.

## BIRTHS REGISTERED IN PLYMOUTH IN 1885.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1885.				
Jan. 1,	Edna Mabel Corey,	Frederick and Clara May.	New Hampshire,	Norridgewock, Me.
" 10,	Eunice Bradley Paulding,	Edwin S. and Caroline F.,	Plymouth,	Boston.
" 13,	Chester Edmond Sampson,	Alfred W. and Julia E.,	Plymouth,	Nova Scotia.
" 21,	Lillian Glover Hipson,	Israel and Caroline,	Yarmouth, N. S.,	Yarmouth, N. S.
" 21,	Edward Clarence Moody,	Nathaniel D. and Martha C.,	Virginia,	Virginia.
" 21,	May Florence Frothingham,	George H. and Monica M.,	Scotland,	Milford.
" 26,	Arthur James Bartlett,	George D. and Flora L.,	Kingston,	Duxbury.
" 28,	Lizzie Youngman,	John and Margaretta,	Germany,	Germany.
" 30,	George Philip Millar,	John and Katie,	Plymouth,	Plymouth.
Feb. 2,	Amber G. Knowles,	Samuel F. and Amber G.,	Milford,	Kingston.
" 6,	Henry McArdel,	John Francis and Mary E.,	Starksboro, Vt.,	Germany.
" 8,	Nellie Florence Lafayette,	Peter and Nellie,	Germany,	Germany.
" 13,	Christina Baltz,	Frederick and Mary,	Ireland,	Ireland.
" 14,	Thomas Anderson Bodel,	John and Mary Ann,	Plymouth,	Carver.
" 17,	Walter Howard Holmes,	Walter Howard and Ella A.,	Pembroke,	W. Bridgewater.
" 18,	Levoy Edson Ford,	Franklin B. and Cora L.	E. Bridgewater,	Natick.
Mar. 1,	Grace Marston Hathaway,	William C. and Ada F.,	Wareham,	Plymouth.
" 2 <sup>nd</sup> ,	Charles Forbes Wrightington,	Sidney W. and Addie F.,	Germany,	Germany.
" 6,	Frederick Mahler,	Jacob and Margaret,	Plymouth,	Ireland.
" 6,	Alice Simmons,	Nathaniel H. and Alice,		

" 8,	Charles August Knock,	Emil and Amelia C.,	Germany,
" 9,	Laura Jackson King,	George W. and Clara W.,	Plymouth,
" 12,	Emma Willhelms,	Carl and Catharina,	Germany,
" 13,	Gracie Richmond Doty,	Cyrus and Mary E.,	Plymouth,
" 18,	Marie Josephine Almira Carichi,	Celso and Accosi Adelina,	Italy,
" 18,	Christina Charlotte Anderson,	William and Margaret M.,	Scotland,
" 19,	Regina Ann Pickard,	John J. and Sarah J.,	Nova Scotia,
" 19,	Inez Maria Wilson,	George M. and Eliza B.,	Nova Scotia,
" 22,	Lucy Anna Campbell,	Archibald & Emily E.,	Cape Breton,
" 22,	Mary Louisa Brown,	Alfred P. and Mary Alice,	Virginia,
" 27,	Geo. Everett Benson Knight,	James W. and Ann E.,	England,
" 28,	Joseph Frank Kettles,	Peter and Gertrude,	Germany,
" 28,	Charles Norman Smith,	Charles H. and Emmeline I.,	Plymouth,
" 29,	Ida May Valler,	John W. and Ella A.,	Plymouth,
Apr. 3,	Inez Hahn,	Perez and Lydia E.,	Reading, Pa.,
" 3,	Evelina Freeman,	Pelham W. and Georgianna,	Duxbury,
" 5,	Mabel Brewster Loughead,	William T. and Rebecca B.,	St. Johns, N. B.,
" 5,	Lottie Corille Drew,	Cornelius and Mary F.,	Kingston,
" 7,	William Harlow,	William H. and Annie M.,	Plymouth,
" 8,	Helen Phillips Lynn,	James A. and Anna,	Natick,
" 10,	Bertha May Stephen,	Jacob and Ruth S.,	Germany,
" 12,	Fannie Elizabeth Caswell,	Albert E. and Mary E.,	Plymouth,
" 16,	Arthur Benjamin Williams,	George B. and Lydia A.,	Plymouth,
" 18,	Alton Holbrook,	Gideon and Sarah T.,	Baltimore, Md.,
" 20,	Alice Irene Collingwood,	William and Lottie M.,	Boston,
" 22,	Henry Weigel,	Henry and Martelena,	Plymouth,
" 22,	Carlton Whiting Holmes,	George F. and Mary T.,	Germany,
" 28,	Mary Judson Eaton,	Adoniram J. and Adella A.,	Plymouth,
" 28,	Grace Bradford Holmes,	David and Emma F.,	Nova Scotia,
May 1,	Nicholas Schwartz,	Nicholas and Madelina,	Plymouth,
" 2,	James Henry Lucas,	John and Annie,	Medfield,
" 4,	Edward Taylor,	George F. and Maggie M.,	Germany,
" 7,	Catharine Lewis Saunders,	Horace M. and Catharine S.,	Ireland,
" 10,	Gertrude McComsky,	Jeremiah S. and Rebecca J.,	Ireland,
" 13,	Mary Ellen Gardner,	W. Isaac and Ellen,	Taunton,
" 15,			Portsmouth, N. H.,
			Nova Scotia,
			Plymouth
			Ireland.

## BIRTHS—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1885.				
May 17,	Ada Warren Hall,	Isaac T. and Eliza,	Plymouth,	New Brunswick.
" 19,	Francis F. McHenry,	Manuel F. and Jennie B.,	Plymouth,	St. Johns, N. B.
" 21,	Jay Oliver Harlow,	Ivory W. and Maria E.,	Plymouth,	Plymouth.
" 23,	Maggie Hurley,	Charles and Mary,	Boston,	Quincy.
" 27,	Grace Clifton King,	Nathan and Abbie S.,	Plymouth,	Plymouth.
June 2,	George Thomas Douglass,	Thomas and Hannah R.,	New York,	Plymouth.
" 2,	Henry Allen Bent,	Francis and Josephine F.,	No. Sandwich,	Plymouth.
" 3,	Eunice Nelson Thomas,	Henry C. and Florence M.,	Plymouth,	Plymouth.
" 5,	Thomas Fraher,	Richard and Ellen,	Ireland,	Ireland.
" 9,	Sarah Ethel Chummuck,	Albert and Mary E.,	Plymouth,	Plymouth.
" 16,	Thomas Fuller Stevens,	Benjamin F. and Lizzie M.,	Boston,	Plymouth.
" 17,	Ethel L. Frye,	Edwin F. and Ida M.,	Wilton, N. H.,	Wilton, N. H.
" 18,	Charles Tossinarie,	Vincent and Mary,	Italy,	Italy.
" 20,	George William Karle,	Thomas and Mary M.,	Germany,	Germany.
" 23,	Julia May Corey,	Silas B. and Mary J.,	New Hampshire,	Prince Edward's Island.
" 23,	David Thomas Brown,	William M. and Maggie A.,	Kingston,	Cape Breton.
" 23,	Arthur Lee Goddard,	William and Susan H.,	Plymouth,	Plymouth.
" 23,	Wm. Russell Pierce Chandler,	Coleman B. and Mary S.,	Plymouth,	Plymouth.
" 27,	— - - Wood,	Alba N. and Amanda F.,	Plymouth,	Plymouth.
" 28,	Norman Lynn Blackmer,	Israel C. and Amanda M.,	Plymouth,	Edgartown, M. V.
July 2,	Louisa Madeline Forstmeier,	Victor and Paulina,	Germany,	Staten Island.
" 3,	Leua Adeline Rickard,	Warren P. and Emma F.,	Vermont,	So. Abington.
" 4,	Alton Garfield Thrasher,	Jonathan A. and Augusta F.,	Plymouth,	Plymouth.
" 5,	Edward Rhodes Williams,	Edward A. and Elizabeth A.,	Lynn,	Plymouth.
" 6,				



"	6,	Louisa Cassidy,	Andrew J. and Catharine,	Plymouth,	Bridgewater.
"	11,	Clarence Dillard Bradford,	Edward W. and Janette A.,	Plymouth,	Belfast, Me.
"	12,	Chester Cooper Wood,	George W. and Lizzie D.,	Plymouth,	Kingston.
"	15,	Chas Bartlett Litchfield,	Charles L. and Rebecca B.,	Boston,	Plymouth.
"	15,	Sarah Jane Atwood,	Eldon R. and Sarah J.,	Plymouth,	Plymouth.
"	18,	Inez Frances Churchill,	Herbert C. and Emma L.,	Plymouth,	Plymouth.
"	20,	Mary Eleanor Hallinan,	John W. and Helen J.	Portugal,	Western Islands.
"	25,	Precina Louisa Ferdinand,	Christopher T. and Lucy B.,	Plymouth,	Plymouth.
"	25,	Nathan Burgess Sampson,	Joseph M. and Maggie,	Ireland,	Ireland.
"	30,	Ruth Evelyn Kingan,	Thomas and Margaret,	Milford,	Plymouth.
"	31,	Mary Manion,	George E. and Albana B.,	Brewster,	Dennis.
Aug.	2,	Herbert Clinton Small,	Theodore C. and Emma,	Buffalo, N. Y.,	Norwood.
"	3,	— Gran,	Edward R. and Mary L.,	Plymouth,	Plymouth.
"	7,	Grace Irving Manter,	Isaac and Mary E.,	England,	Calais, Me.
"	12,	Gertrude Emma Sampson,	Charles B. and Emma F.,	Plymouth,	Charlestown.
"	18,	Emma Sophia Brewster,	George B. and Mabel B.,	So. Abington,	E. Bridgewater.
"	21,	Richard Bryant Hobart,	Cephas P. and Mary E.,	Denmark,	Plymouth.
"	23,	William Lars Larson,	Melzar B. and Lucy L.,	Plymouth,	Dartmouth.
"	24,	Joseph Miranda Sampson,	Elwin N. and Julia E.,	Kingston,	Abington.
"	27,	Florence Evelyn Strauger,	William and Sarah F. G.,	Plymouth,	Plymouth.
"	28,	Laura Manter,	Peter and Lizzie,	Germany,	Germany.
"	30,	Peter Schneider.	George and Mary,	Salisbury, Ct.	No. Andover.
Sept.	2,	Charles Francis Daniels,	Albert N. and Flora E.,	Bath, N. Y.	Chelsea.
"	4,	Frank Roscoe Fletcher,	Edward K. and Hannah I.,	Plymouth,	Fairhaven.
"	5, <sup>a</sup>	Edward Dean Morse,	James H. and Catharine G.,	Plymouth,	Ireland.
"	6,	Catharine Letitia Bagnell,	Joseph and Lortida L.,	Plymouth,	Wellington, Me.
"	6,	Melville F. Bagnell,	George and Jennie E.,	Plymouth,	Maryland.
"	6,	Agnes Tyler Allen,	Peleg S. and Arne J.,	Plymouth,	Ireland.
"	7,	Mary Albia Burgess,	Frank S. and Isabel,	Ellsworth, Me.,	Bangor, Me.
"	11,	Mary Hunnewell,	Dominic and Artimisia,	Italy,	Italy.
"	12,	Lena Marie Moody,	Arthur W. and Ruth H.,	Plymouth,	Plymouth.
"	13,	Lucretia Clark Burbank,	Louis H. and Lydia M.,	Maine,	Plymouth.
"	14,	George William Gould,	William B. and Emma R.,	Milford,	Plymouth.
"	15,	William Eldridge Leland,	George and Charlotte C.,	Boston,	Cape Breton.
"	19,	Josephine Simes,			

## BIRTHS—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1885.				
Sept. 20,	Flora Eames Ellis,	Charles M. and Annabel,	Hampden, Me.,	Swanville, Me.
" 23,	Gedo Antonio Costa,	Dominica and Mary,	Italy,	Italy.
" 28,	Mabel Frances Wright,	William H. and Mary A.,	Canada,	E. Bridgewater.
Oct. 3,	Joseph Basler,	John and Mary,	Germany,	Germany.
" 3,	Leon Fortini,	Joseph and Eliza,	Italy, *	Italy.
" 5,	Louisa Rudolph,	Jacob and Louisa,	Germany,	Germany.
" 9,	Frederick William Parsons,	Fred. A. and Carrie M.,	Plymouth,	No. Falmouth.
" 9,	Alton Otis Robbins,	Otis N. and Nellie L.,	Plymouth,	Plymouth.
" 15,	Bessie May Durfee,	Wilbur H. and Mary J.,	Holliston,	Boylston.
" 15,	Obed Clark Cassidy,	James and Hattie F.,	Plymouth,	Plymouth.
" 15, <sup>a</sup>	Sarah Harrison Kingman Wentworth,	George B. and Ella B.,	Bridgewater,	Middleboro.
" 16,	Edward Allen Hughes,	W. J. and Sarah E.,	Chelsea,	Chelsea.
" 16,	Alfred Harlow Avery,	Elmer E. and Hannah B.,	Berlin, Vt.,	Plymouth.
" 19,	Patrick Francis Minton,	Daniel G. and Mary A.,	Milford,	Natick.
" 21,	Olive Louisa Tourgee,	William and Emma,	Rhode Island,	Rhode Island.
" 21,	Benjamin Lewis Washburn,	Charles F. and Hattie M.,	Plymouth,	Plymouth.
" 22,	Ellen Louisa Torrance,	George H. and Mary.	Plymouth,	Plymouth.
" 25,	Nellie Agnes Haley,	Henry T. and Lucy W.,	Plympton,	Plympton.
Nov. 3,	Bertha Elwood Milburn,	Edward and Mary J.,	Boston,	Fredericksburg, Va.
" 5,	Howard Parker Barnes,	Henry W. and Hannah S.,	Plymouth,	Plymouth.
" 5,	Stephen Obed Hamlin,	Stephen M. and Elizabeth A.,	Fairhaven,	New York City.
" 7,	Martha Ann Churchill,	Henry A. and Asenath C. B.,	Plymouth,	Sandwich.
" 8,	Walter Thomas Foster,	John and Lucinda E.,	Boston,	Plymouth.
" 8,	William Gilman Morrison,	Simcon H. and Nancy W.,	Nova Scotia,	Plymouth.

"	10,	Andrew Joseph Murry,	Andrew and Elizabeth,	England,	England.
"	11,	— Craven,	Joseph,	Nova Scotia,	England.
"	12,	Bessie Rodgers Holmes,	Oliver S. and Bessie,	Plymouth,	Boston.
"	12,	Harold Weston Washburn,	Herbert L. and Amy B.,	Plymouth,	Plymouth.
"	26,	Ellen Sullivan,	Bartholomew and Annie S.,	Plymouth,	Bridgewater.
"	26,	Celia O'Donnell,	Thomas H. and Annie M.,	Cambridge,	Milwaukee, Wis.
Dec.	2,	John Morrison, } Twins,	Alexander and Margaret J.,	Barnstable,	Cape Breton.
"	2,	— Morrison,	Thomas and Margaret J.,	Barnstable,	Cape Breton.
"	2,	Katie Gertrude Grady,	Joseph and Emma J.,	Massachusetts,	Nova Scotia.
"	5,	Gaetano Vincent,	Joseph and Vita,	Italy,	Italy.
"	7,	Fred Carlton Brow,	Abraham O. and Mary C.,	Hanover, N. H.,	Cohasset
"	14,	— Reviere,	Frederick A. and Ida M.,	Ohio,	Plymouth.
"	14,	George William Cobb,	William P. and Annie B.,	Plymouth,	Nova Scotia.
"	18,	— Blackner,	Sidney B. and Mercy A.,	Plymouth,	Plymouth.
"	19,	Josephine Labrache,	Joseph T. and Hattie A.,	Canada,	Hopkinton.
"	19,	Alton Morton Sherman,	Orin B. and Betsey,	Plymouth,	Plymouth.
"	20,	Alice O'Brien,	William and Margaret,	Bridgewater,	Boston.
"	23,	William Harvey Covington,	William and Janette,	Plymouth,	Montreal, Ca.

# DEATHS REGISTERED IN PLYMOUTH IN 1885.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1885.						
Jan. 1,	Mabel Parks,	—	—	8	Feeble at Birth,	Levi A. and Jennie S.
" 6,	Benjamin Holmes,	82	9	17	Chronic Diarrhoea,	Samuel N. and Mary.
" 9,	Lottie L. Norwood,	18	11	25	Consumption,	
" 9,	Jeremiah M. Mace,	80	5	10	Heart Disease,	
" 10,	Ruth R. Harris,	82	11	29	Old Age,	Joshua and Dorothy.
" 15,	James Neal,	60	—	—	Exhaustion from Severe Burns,	Benjamin and Hannah Goddard.
" 17,	Minerva B. Valler,	1	6	7	Whooping Cough,	James and Catharine C.
" 18,	Josiah W. Churchill,	69	9	25	Disease of Heart,	John W. and Ella A.
" 19,	Dora Elizabeth McLaughlin,	—	5	11	Pulmonary Disease,	William H. and Dora. [Brockton.
" 21,	Fred. W. Chandler,	37	4	3	Consumption,	Samuel and Jerusha. Died in
" 21,	Philip Henry Steidle,	3	4	6	Scarlet Fever,	John G. and Charlotte S. [Berton.
" 26,	Mary Clifton Weston,	24	7	1	Tuberculosis,	Wellington and Lucinda M. Lam-
" 28,	Louisa T. Sears,	43	6	15	Consumption,	Thomas E. and Zorady Cornish.
Feb. 1,	Elon S. Weston,	34	11	24	Consumption,	Nathan T. and Elizabeth C. Has-
" 2,	Seth Clark,	88	8	—	Old Age,	Seth and Eunice. [kins.
" 2,	Anber G. Knowles,	—	—	1	Untimely Birth,	Frank and Amber.
" 3,	Timothy Hurley,	74	—	28	Old Age,	Dennis and Catharine.
" 6,	Hannah Atwood,	80	6	1	Pneumonia,	George R. and Salome Wiswell.
" 6,	Elizabeth B. Baxter,	65	2	28	Marasmus,	Sylvanus and Jane Rogers. Died
" 12,	Abbie Ann Shaw,	2	1	23	Pneumonia,	Frederick D. and Jessie. [in Chelsea.
" 12,	Deborah Brewster Barnes,	71	—	3	Cancer,	Robert and Deborah Hutchinson.
" 14,	Stevens M. Burbank,	86	11	3	Old Age,	John and Lydia.
" 16,	Data Walker,	59	—	1	Consumption,	Bassett and Data Chase.
" 20,	Lydia Ellis,	89	—	—	Old Age,	
" 21, <sup>h</sup>	Nathan K. Douglass,	60	1	28	Brain Softening,	Joshua and Mary.
" 23,	Hattie E. Whall,	1	1	17	Teething,	William H. and Eveline C.

Feb. 26,	George H. Bullock,	42	2	26	Phthisis,	Ariel K. and Orpha H.
March 4,	Mary Morton,	80	5	—	General Debility,	Ansel and Susanna Lucas.
" 7,	Priscilla Washburn,	81	—	—	Old Age,	William and Priscilla Drew.
" 9,	Hannah B. Shepherd,	45	8	5	Recorded in Sharon,	William and Lucy Spooner.† [Died
" 9,	Sarah J. Brewster,	74	3	23	Anæmia,	James and Sarah Bartlett. [in Sharon.
" 12,	Maria DeMills,	25	—	3	Paralysis,	George and Mary Gallagher.
" 18,	Mary Brown,	74	7	5	Lung Fever,	Thomas and Margaret J. Bartlett.
" 18,	Elvira A. Thomas,	56	6	21	Heart Disease,	Isaac and Amelia Benson.
" 20,	Lucy Parker Loring,	68	6	28	Cancer of Stomach,	Jonathan and Polly Parker.
" 20,	Nora Augusta Casey,	1	2	5	Lung Fever,	Augustus and Lucy J.
" 25,	Jesse L. Robbins,	49	2	8	Cancer of Face,	Heman C. and Mary A.
" 25,	William Hall,	74	5	14	Old Age,	John and Mary.
" 26,	John T. Morton,	40	5	22	Recorded in Brockton,	John T. Died in Brockton.
" 28,	Mary Rosanna Butters,	29	10	—	Metritis,	Reuben and Rosanna.
" 30,	Ronald H. Perkins,	55	7	29	Hemorrhage from Cancer.	John and Adeline.
" 31,	Freeman S. Cash,	45	5	16	Laryngeal Phthisis,	Sylvanus S. and Polly.
April 7,	George Sawyer,	59	2	20	Malignant Tumor,	Leonard and Lucy.
" 7,	Edward Whiting,	54	3	—	Consumption,	Nathan and Pella.
" 10,	Peter W. Smith,	81	3	29	Paralysis,	Peter and Hannah.
" 16,	Henrietta Brown,	7	7	2	Pneumonia,	Alfred P. and Alice.
" 16,	Cromwell W. Holmes,	78	11	23	Brain Disease,	Stephen.
" 22,	Martin W. Baumgartner,	2	5	6	Scarlet Fever,	Sebastian and Sophia.
" 28,	Melzar Pierce,	80	4	20	Paralysis of Heart,	Benjamin and Mary.
" 30,	Wealthy Manter,	83	8	5	Apoplexy,	William and Lucy Burgess.
" 30,	Hannah B. White,	89	3	27	Fractured Hip,	Charles and Hannah Brown.
May 1,	Edward C. Nelson,	28	4	17	Consumption,	A. O. and Hannah. Died in Som-
" 4,	John Blackmer,	88	2	13	Pneumonia,	John and Sarah. [Died
" 6,	Emeline C. Whipple,	73	—	23	Nephritis,	Calvin W. & Elizabeth Philleo. [Died
" 9,	David Robertson,	85	3	8	Cystitis,	David and Elizabeth. [N. York,
" 10,	Cora Leslie Milburn,	5	6	5	Inflammation of Liver,	Edward and Mary Jane.
" 11,	James Bartlett Dowsitt,	1	6	—	Accidental Drowning,	James M. and Elmira B.
" 13,	Lucy P. Brett,	60	1	12	Malarial Fever,	Daniel.
" 13,	George Sherwin,	84	1	—	Paralysis,	Richard.
" 15,	Arthur Newcomb,	2	—	—	Recorded in Kingston,	Marcella and Maria A. Died in
" 16,	John A. Richmond,	1	1	22	Meningitis.	John A. and Isabella N.



# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1885.						
May 17,	William G. Felton,	34	7	9	Aortic Aneurism,	Robert and Elizabeth.
" 22,	Mary Barrett,	49	—	—	Heart Disease,	
" 22,	Freddie McNeil,	—	8	22	Hydrocephalus,	James and Mary. [Middleboro.
" 23,	Emily W. Dean,	66	3	—	Pneumonia,	Lemuel & Rispah Savery. Died in
" 27,	John F. Fisher,	29	—	20	General Tuberculosis,	John & Catharine. Died in Boston.
June 1,	Hannah Burgess,	74	6	24	Paralysis from a Fall,	Nathan and Rebecca Whiting. Died
" 3,	Leavitt Finney,	72	4	9	Heart Failure,	William and Martha. [in Lynn.
" 6,	Betsey C. D. inham,	70	4	28	Cancer,	Benjamin and Mercy Dillard.
" 8, <sup>a</sup>	Lucy Pierce,	67	7	17	Cancer,	Zebulon and Phebe Maxim.
" 9,	Charles Newcomb,	4	8	9	Recorded in Kingston,	Marcella & Maria. Died in Kingston.
" 25,	Josiah A. Robbins,	62	5	1	Disease of Liver,	Josiah & Rebecca. [Charlestown.
" 26,	Herbert Frank Leach,	—	6	19	Marasmus,	George E. and Emma D. Died in
July 2,	John Gooding,	77	6	—	Recorded in Worcester,	John & Deborah. Died in Worcester.
" 9,	William T. Vanghan,	1	7	23	Consumption of Blood,	Weston C. and Ella M. Died in New
" 13,	Clement Bates,	92	9	9	Old Age,	Clement and Rebecca. [Bedford.
" 17,	Lemuel Vaughn,	90	7	26	Old Age,	Elkanah.
" 17,	Herbert Elwood Milburn,	2	6	24	Meningitis from a Fall,	Edward and Mary Jane.
" 24,	Richard Atwood,	73	5	13	Exhaustion,	Richard and Cynthia.
" 24,	Charles A. Knock,	—	4	16	Cholera Infantum,	Emil and Amelia.
" 24,	David Farrington,	78	3	9	Old Age,	David and Susan.
" 26, <sup>b</sup>	Ralph Clifton Morrison,	—	10	27	Cholera Infantum,	Simeon H. and Nancy W.
" 29,	— Thrasher,	—	—	—	Feeble from Birth,	Jonathan A. and Augusta F.
" 31, <sup>c</sup>	Susan Mauter,	67	—	24	Disease of Heart,	Moses and Experience Benson.
Aug. 2,	Emma Dean Spaulding,	15	10	19	Heart Disease,	William P. and Georgie D.
" 3,	Kenneth Lamson Mauter,	—	7	4	Marasmus,	William T. and Ruth B.
" 4, <sup>e</sup>	Lydia W. Douglass,	46	8	15	Bright's Disease,	Prince and Lydia Mauter.



Aug.	7,	Joseph Costa,	1	5	17	Cholera Infantum,	Louis and Mary.
"	10,	Harold C. Weeks,	—	10	20	Cholera Infantum,	John H. and Addie C.
"	11,	Betsey Otis Burgess,	71	5	6	Heart Disease,	Jesse and Betsey Robbins.
"	13,	Jennie McLennan,	27	4	10	Childbirth,	Richard and Agnes McLean.
"	14,	Sally Morton,	89	2	—	Old Age,	
"	16,	Mary Manion,	—	—	17	Disease of Brain,	Thomas and Margaret A.
"	16,	Mary Boudrot,	34	7	—	Phthisis,	John and Leonora. [Holbrook.
"	23,	Judith G. Diman,	72	2	28	Recorded in Holbrook,	Lewis and Judith Gray. Died in
"	24,	Eveline B. Field,	72	11	27	Disease of Brain,	Bartlett and Elizabeth Bradford.
"	24,	Mary T. Pfass,	78	9	5	Apoplexy,	William and Sophia Green.
"	25,	Thomas Lahey,	46	—	—	Comp. Fracture of Skull,	Jeremiah and Mary.
"	27,	Nellie Nye Eldridge,	—	11	13	Disease of Brain,	Willie T. and Flora A.
"	28,	Caroline A. Dorr,	80	—	22	Apoplexy,	William and Betsey Allen.
"	30,	Oliver T. Wood,	73	3	17	General Paralysis, of Old Age,	Oliver and Elizabeth.
Sept.	3,	Harvey Bartlett,	81	3	17	Heart Disease,	Ansel and Elizabeth.
"	3,	Joanna Doty,	59	10	24	Marasmus,	George and Ruth Bailey.
"	5,	Emma Steidle,	22	4	27	Phthisis,	Thomas and Amelia Nickerson.
"	6,	John E. Churchill,	70	—	—	Disease of Liver,	Nancy. Died in Brockton.
"	10,	John E. Churchill,	31	10	12	Suffocation,	James and Mary.
"	10,	Dennis Haney,	56	—	—	Recorded in Kingston,	Died in Kingston.
"	19,	John T. Hall,	66	3	15	Paralysis,	Eber and Elizabeth.
"	21,	Abbie J. Holmes,	64	2	8	Chronic Disease,	Richard and Delight Tarr.
"	22,	William T. Casey,	11	9	—	Tuberculosis,	Michael and Catharine.
"	29,	Margaret Drew Cornish,	77	6	12	Consumption,	Lemuel and Azubah Morton.
Oct.	2,	Charles H. Richardson,	54	3	20	Apoplexy,	Ebenezer P. and Susan H.
"	8,	Thomas W. Steamburg,	63	—	—	Internal Injury from a Fall,	
"	9,	Ezekiel Cushing Turner,	79	11	27	Acute Phthisis,	Thomas and Mercy.
"	12,	Mary Darling Nelson,	6	1	20	Scarlet Fever,	Samuel and Lydia T. [Kiverton, N. Y.
"	13,	Clara Churchill Bartlett,	4	4	—	Typhoid Cerebellous,	Francis J. and Lettie C. Died in
"	14,	Mercy Bumpus,	—	—	11	Sickly from Birth,	Ebenezer and Mehitable.
"	15,	Philip H. Williams,	38	8	23	Laryngeal Phthisis,	Philip and Mary.
"	16,	Fanny Davie,	81	2	5	Old Age,	John and Abiah Eddy.
"	17,	Mary Carr,	75	—	—	Heart disease,	Died in Boston.
"	26,	Ellen F. Regan,	24	4	18	Consumption,	Timothy and Ellen.
"	29,	Lydia Boardman,	87	—	—	Cerebral Hemorrhage,	Benjamin and Betsey Rowe.
"	30,	Jacob Howland,	62	3	27	Heart Disease,	Jacob and Bethiah.

# DEATHS—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1885.						
Nov. 4,	Catharine Elizabeth Seyter,	22	9	25	Consumption,	[in Boston. Ulrich and Charlotte Schøder. Died
" 4,	Matilda Scattergood Peter-	62	1	16	Consumption,	David and Julia Scattergood.
" 8,	Clara L. Faunce, [son,	5	10	4	Meningitis.	George A. and Mary J. Died in
" 9,	Ellis Sampson,	76	7	14	Peritonitis,	Sylvanus and Mary. [So. Abington.
" 15,	William Atwood,	77	9	12	Heart Failure,	William and Temperance.
" 15,	Keziah D. Cameron,	51	9	24	Heart Disease,	Nathan and Keziah Haskins. Died
" 25,	Phebe Perry Blackmer,	82	1	27	Disease of Spine,	Wm. & Sylvia Bartlett. [in Kingston.
" 26,	Mary A. Churchill,	60	3	21	Heart Disease,	William George.
" 29,	Celia O'Donnell,	—	—	2	Trismus Nascentium,	Thomas H. and Annie M.
Dec. 1,	Abbie R. Perkins,	46	2	21	Drowning,	Alonzo & Mary D. Scudder. [Lexington.
" 2,	Nathaniel Lothrop Hedge,	67	11	7	Paralysis,	Barnabas and Tryphena. Died in
" 6,	Clara H. Robbins,	41	—	19	Diarrhoea,	Heman C. & Mary A. Robbins. Died
" 9,	Deborah A. Hal',	67	5	5	Chronic Bronchitis,	[in Taunton.
" 10,	Lydia Bagnell,	85	4	6	Old Age,	Eben and Susan Sampson.
" 10,	Herbert F. Wood,	—	—	7	Recorded in E. Bridgewater,	Albert S. and Hannah D. Died in
" 10,	Sarah Ethel Chummuck,	—	—	1	Marasmus,	Albert R. and Mary E. [E. Bridgewater.
" 14,	— Reviere,	—	—	1/2	Arrested Development,	Frederick A. and Ida M.
" 17,	Sarah Jane Kierstead,	41	10	21	Cancer of Stomach,	Robert and Margaret Scott.
" 17,	Emily H. Crandon,	78	4	9	Old Age,	Benjamin and Susan. Died in
" 18,	Lydia T. Dunham,	87	1	8	Apoplexy,	George R. and Salome. [Duxbury.
" 19,	Alice Emily Brailey,	12	9	17	Typhoid Fever,	John R. and Julia A.
" 20,	Walter T. Hallett,	4	2	—	Scarlet Fever,	A. S. and Hattie S.
" 26,	Alice B. Sampson,	40	1	24	Injuries rec'd by Fall of Tree,	Samuel and Rebecca.
" 27,	John Morissey,	69	3	—	Congestion of Lungs,	Died in Plympton.
" 28,	John R. Davis,	73	10	10	Heart Disease,	Joseph and Eliza.
" 30,	Ebenezer Davie,	86	—	5	Inanition.	Ebenezer and Lydia.

## SUMMARY.

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The following are the statistics of Births, Marriages and Deaths, registered in Plymouth for the year ending December 31, 1885:

### *BIRTHS.*

Number of births registered in 1885.....	160
Males .....	77
Females.....	83
The parentage of the children is as follows :	
Both parents born in United States.....	95
“       “       Germany.....	13
“       “       Italy.....	6
“       “       British Provinces .....	4
“       “       Ireland.....	3
“       “       England .....	1
“       “       Scotland .....	1
Mixed, one parent American.....	25
Mixed, other nationalities .....	7
Unknown .....	5

### *MARRIAGES.*

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Number of marriages registered in 1885 .....	70
Both parties born in United States.....	47
“       “       British Provinces .....	3
“       “       Germany .....	1
“       “       Ireland.....	1
Mixed, one American .....	17
Mixed, other nationalities.....	1

*DEATHS.*

Number of deaths registered in Plymouth in 1885, 154, twenty-seven of which occurred out of town and were brought to Plymouth for burial.

Males .....	73
Females.....	81
Born in United States.....	137
"    Ireland.....	4
"    British Provinces.....	3
"    England.....	1
"    Africa.....	1
Unknown.....	8

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I desire to call the attention of the Town to the crowded and uncomfortable condition of the Town Clerk's room, and I would recommend that the Water Department be removed, and the room fitted up and furnished for the sole convenience of the Clerk and Treasurer, and for that branch of the Town's business.

CURTIS DAVIE, *Town Clerk.*

# ANNUAL REPORT

—OF THE—

## SCHOOL COMMITTEE

—AND—

### SUPERINTENDENT OF SCHOOLS

—OF THE—

#### TOWN OF PLYMOUTH

—FOR—

◇1885.◇

---

PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1886.

## SCHOOL COMMITTEE.

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	Term Expires.
F. N. KNAPP, . . . . .	1888
WM. T. DAVIS, . . . . .	1888
GEORGE F. WESTON, . . . . .	1887
JAMES D. THURBER, . . . . .	1886
CHARLES I. LITCHFIELD, . . . . .	1886
JAMES MILLAR, . . . . .	1886

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CHAIRMAN—F. N. KNAPP.

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SECRETARY—JAMES D. THURBER.

SUPERINTENDENT OF SCHOOLS—CHARLES BURTON.

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NOTE.—George A. Tewksbury, whose term would have expired in 1887, resigned during the year 1885, and his place was filled, under the provisions of law, until the next annual election, by the choice of James Millar. Consequently at the March Meeting the Town will be called on to choose two members for three years, and one for one year.



## Report of the School Committee.

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The School Committee respectfully submit their annual report for the year ending December 31st, 1885.

At the last annual meeting the Town made three distinct appropriations subject to the orders of the Committee for the purposes stated. These were as follows :

For the support of schools.....	\$22,000 00
For books and supplies.....	2,000 00
For the enlargement of the North Intermediate School-house.....	700 00
The amount of bills paid during the year, chargeable to the appropriation for the support of schools was.....	21,806 36

A variation of five dollars will be observed between the expenditures reported by the Committee, and those stated in the report of the Selectmen, owing to a wrong charge of that amount on the Town books, which was afterwards credited to the school account.\* Of the bills paid, nineteen, amounting to \$601.01, were those of the year 1884. Of the bills contracted during the year 1885 only four were outstanding at the close of the account on the 31st of December, amounting in all to \$29.39 ; and at the date of this report, February 3d,

1886, it may be stated, with confidence, that every bill chargeable to the School Department prior to January 1st, 1886, has been rendered and paid.

The amount of bills paid during the year,  
chargeable to the appropriation for  
books and supplies was . . . . . \$2,793 27

The expenditures in this branch of the School Department were made in compliance with the law passed in 1884, requiring towns to furnish text books and supplies for the use of scholars in the public schools. With no experience to guide the Committee as to the extent of the demand, it was impossible for them, in the first year of the operation of the law, to make a well-founded estimate of the appropriation needed for the supply. These expenditures, enforced by law, though kept within as close limits as the interests of the schools would admit, have exceeded anticipations; affording, however, a basis for future estimates, and a reason to believe that during the coming year even a smaller appropriation than the last will be sufficient to repair and renew the supply heretofore furnished.

The appropriation for the enlargement of the Intermediate School-house, at the North, remains intact. It was made on the recommendation of the Committee for the purpose of providing accommodations for the increasing number of scholars in that section of the Town. It was found, however, on further consideration, that the increase in the number of scholars was chiefly in the vicinity of the Cordage Works, and that the proposed enlargement would not meet the

existing want. It was thought best, therefore, to make some temporary arrangement to meet the exigency, in anticipation of a time, in the near future, when the precise wants of that neighborhood could be better determined, and its various schools be massed in one building. The upper room of the engine house, not far from the Kingston line, was fitted up during the Summer vacation, and for the present will suitably accommodate the new school there established. The cost of fitting and furnishing the room was \$89.82, and is included in the regular school expenses.

The classified school account will, therefore, stand as follows :

## DR.

Teachers' salaries.....	\$16,567 49
Superintendent.....	1,000 00
Repairs and House supplies.....	1,055 68
Fuel.....	1,195 00
Care of Buildings.....	1,071 21
Horse hire by Superintendent.....	189 50
Printing.....	119 10
Truant Officers.....	120 00
Equipment.....	327 12
Hall for Exhibition of 1884..	40 25
Fitting new School-room.....	89 82
Sundries.....	31 19
	<hr/>
	\$21,806 36

## CR.

Appropriation.....	\$22,000 00
Income of Murdock Fund.....	18 25
	<hr/>
	\$22,018 25
	<hr/>
Balance undrawn.....	\$211 89

## BOOK AND SUPPLY ACCOUNT.

DR.

Expenditures for books and supplies.. .. \$2,793 27

CR.

Appropriation..... 2,000 00

Overdrawn..... \$793 27

## SCHOOL HOUSE ACCOUNT.

DR.

Expenditures..... \$000 00

CR.

Appropriation..... 700 00

Balance undrawn..... \$700 00

Taking the school and book accounts together, as they are entered in the accounts of the Town Treasurer, the net deficiency is \$581.38. Your Committee recommend that the following appropriations be made at the annual meeting:

For deficiency.....	\$581 38
For books and supplies.....	1,800 00
For support of schools.....	21,300 00

And they further recommend that the unexpended school-house balance of \$700 be transferred to the accounts for schools, making the amount available the same as last year.

Your Committee feel that the schools of the Town, as a whole, are in a satisfactory condition; and that a faithful and thorough work has been done by the Superintendent and by the teachers. For detailed

accounts of the several schools, we refer you to the report of the Superintendent.

In arranging the course of study your Committee, in concurrence with the Superintendent, try to keep steadily in mind the fact that the demand of the present age is not to have our schools turn out a few prodigies in some special branches of learning, but to turn out a great many pupils who shall have acquired real mental discipline, a wide range of thought, and that interest in the laws of nature and of government, and in the movements of the day, which lies at the basis of subsequent growth in a practical education, and in the qualities which lead to good citizenship. And let us all bear this in mind as we consider our school system ; that a primary object of all education, in school and out of it, is to create good citizens,—men and women, who can take hold of the work of life understandingly and conscientiously ; who can make society stronger and better, help advance all that is true, and intelligently reform what is wrong. Unless such results come from our schools the system is at fault, our money is wasted, and a wrong is done to the rising generation.

One of the most hopeful signs of the times, when there is such a drift in our great cities towards what is showy and superficial, is this apparently spontaneous awakening of the offices of education to the necessity of introducing into the public schools those studies and exercises which bring the thought of the pupils more directly into contact with real things, and with moral obligations. Take the recent annual reports of most of

the towns of our Commonwealth, and there is found evidence of this gratifying tendency. We trust that our own Town will cordially sustain the Committee in any changes they may make to secure this broader form of education in our public schools. One contribution to this end has been the introduction, during the past year, into our High School course, of a series of lectures, or "familiar talks" by different individuals (not teachers) upon various practical topics, connected with the preservation of health; the anatomy of the human frame; business affairs; the early history of our own Town; legal rights; the duties of citizens and kindred themes. We hope to have this series continued during the coming year, with still greater efficiency and frequency. The pupils of the High School have evidently enjoyed these familiar talks, and entered cordially into their spirit. And we feel confident that the school hours thus used, are turned to better account than if employed in carrying the pupils a little further on in some of their more advanced studies. And, at this point, the Committee desire to thank those gentlemen who have rendered this valuable service.

The question of providing for manual training in our schools, as recently authorized by law, has not yet received the attention of the Committee. Should marked success attend experiments in this direction, now going on in some of the towns of the Commonwealth, this branch of culture will be carefully considered.



The by-laws of the School Committee have been carefully revised and reprinted during the year, defining the duties of the Committee, of the Superintendent and of the teachers. The law with respect to truant children is attached. Copies of these by-laws can be had, by any one who desires them, at the office of the Superintendent in the Town House.

We insert again certain votes of the Committee which were printed in the report of last year ; as they are connected with changes which have not yet been fully perfected, and it is important that all the parents of the pupils should be informed upon the subject.

The change which was made in the time for closing the "school year", and the consequent postponement, for six months, of the usual annual promotion of pupils, or their transfer to schools of the next higher grade, have caused some annoyance to individuals, and brought complaints from parents to the Committee ; but such results were unavoidable, and the advantages of the change thus made, we are confident, will be manifest.

The votes referred to are as follows :

*Voted*—That the result of the several general examinations of the pupils in the schools during the school year be made the basis for admission of pupils to the advanced schools.

*Voted*—That the standard of admission to the High School be raised to what would correspond to one year's additional study in the Grammar School.

*Voted*—That any member of the graduating class at the High School shall be excused from taking part in the public exhibitions, at the close of the school year, upon presenting a written request to that effect from his or her parent or guardian. Such

excuse shall not be considered as any reason for withholding a diploma from such pupil. This vote shall not be considered as in any way excusing the pupil from writing and handing to the Principal the composition required from each member of the graduating class.

*Voted*—That the “school year” hereafter close with the end of the Summer term, and that the present senior class of the High School graduate at that time in 1886.

F. N. KNAPP,	} <i>School</i> <i>Committee.</i>
JAMES D. THURBER,	
GEORGE F. WESTON,	
CHARLES I. LITCHFIELD,	
WM. T. DAVIS,	
JAMES MILLAR,	

PLYMOUTH, Feb. 3d, 1886.

## SUPERINTENDENT'S REPORT.

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TO THE SCHOOL COMMITTEE OF PLYMOUTH :

GENTLEMEN :

I respectfully present herewith the annual report of the Superintendent.

It is a source of great gratification that I feel justified in saying that the condition of the schools of this Town is more satisfactory than at any other time during my connection with them. In the last two years, we have been very fortunate in employing, as teachers, only the best talent the town has to offer among the graduates of our High School. The ability now employed in our schools is sufficient to raise them to the first rank, if that ability were aided by the appliances which modern improvement in teaching has rendered easily accessible, and which are found in all the most advanced schools, such as are managed by superior intelligence, and supported by superior liberality. Our school-houses, with only two exceptions, are now in so good condition that only the most critical and exacting will make any complaint. It is much easier to obtain appropriations for building expensive school-houses and repairing old ones, than for the purchase of those appliances which the

skilled teacher always requires for his work. Any one can appreciate the appearance of a beautiful building ; but only the expert fully knows the value, in the school-room, of books, scientific apparatus, and specimens for object teaching. It is the latter which our school-rooms are greatly in want of at the present time.

### SCHOOL YEAR.

The vote of the Committee that the school year should close in July instead of December, rendered it necessary to rearrange the work of the schools for the extra six months. This has been accomplished by ordering a review of all studies in all schools below the High School ; and in the latter, with a few unimportant exceptions, the text books, already in the hands of the scholars, were sufficient for the extra work. In this way, with the least expense, the greatest good of the schools will be effected.

### HIGH SCHOOL.

The High School still labors under the many inconveniences which must result from a building constructed, as ours has been, at various times, a change made here and another there, as the needs of the occasion suggested, until it has become an awkward conglomerate which poorly protects its inmates against the heats of Summer and the colds of Winter, and, by its general crudeness, offends the taste and pride of the community.

After a trial of several years, the course of study of the High School, arranged under the authority of the

Committee, still invites and receives some criticism. As it is a compromise of various opinions, it is not surprising that it has vulnerable points, and fails to satisfy all parties concerned in its administration. Examined by any person properly qualified to judge in the matter, our course of study would be pronounced somewhat unreasonable in requiring so much to be done in so short a time. The multiplicity of studies is, doubtless, the result of an effort to satisfy the two great parties which exist in almost every community; the one which advocates ancient language and literature as the best means of humanizing modern society; the other which imperatively demands modern knowledge as the best means of advancing modern citizenship. Between these two parties, high schools in towns of few inhabitants are very much crippled. In reference to our own school, the only apparent source of relief may come from increasing the time allotted to the course of study in the Grammar Schools, so that some of the studies, now in the High School, might be finished in the lower grade. This arrangement would prove a great advantage to those, also, who leave school altogether when they graduate from the Grammar School.

### GRAMMAR SCHOOLS.

The improvement in all the Grammar Schools of the Town is very noticeable this year, especially in arithmetic and English grammar. In these two studies, the scholars who have heretofore entered the High School, have always appeared to least advantage, and have



incurred, at times, severe criticism ; but the present classes, when they enter the High School, will certainly acquit themselves well. The importance of these schools in completing the education of a large part of the Town, ought to secure an expenditure sufficient to make them all that their position demands. This improvement can be accomplished by the addition of one year to the time spent in these schools.

### INTERMEDIATE SCHOOLS.

The Intermediate Schools of the Second and Third Grades are, without exception, in excellent condition. The North Third Grade deserves especial mention for the very great improvement during the past year. Two years ago, owing to the peculiar conditions in which the school was placed, it was considered the most unsatisfactory school in the Town. The crowded state of the school was its most discouraging feature, but the establishment of a new Second Grade, in the neighborhood of the Cordage Works, removed that difficulty, and the industry and vigor of the present teacher has done the rest ; but as long as a considerable portion of the scholars attend school half the year, and work the other half in the factory, it will be difficult, or, perhaps, impossible, to keep the scholarship up to the grade required.

The new Second Grade, mentioned above, established this year by the Committee in the extreme north part of the Town, which has served an excellent purpose in relieving the North Third Grade, so hopelessly crowded, has been well conducted by its present teacher, and



will bear comparison with other schools of the same grade.

## PRIMARY SCHOOLS.

The Primary Schools are very fortunate at the present time as to the number of scholars, not one having more than forty. Indeed, they have not been crowded since the Sub-Primaries have been established ; the latter being the schools which receive the children of five years of age, at all times during the year. They are the schools most subject to fluctuation in numbers, being crowded now, and will be unmanageable for the next six months, unless some measures of relief be applied.

## DRAWING.

As the demand for skill in ornamental and mechanical drawing, as applied to the arts and trades of practical life, increases, the interest in the subject ought to increase in the public schools. Besides the advantages in professional life derived from skill in the graphic art, the training of the sense of sight and the cultivation of exact and thorough observation practiced in the school-room must be of universal benefit in the various occupations of life.

During the past year we have been very much favored by the visits and lectures of Mr. C. M. Carter, an agent of the state, engaged in disseminating among teachers a knowledge of the most recent methods adopted at the Normal Art School of Massachusetts. From his skill as a teacher, Mr. Carter was very

successful in developing the primary ideas of his art, and in illustrating on the blackboard precisely what the teachers had to do in their schools. The help derived from these few lectures of Mr. Carter has been so great that it is urgently recommended that a teacher of similar qualifications be employed for continuous instruction of our teachers, until they are able to carry their classes through a prescribed course, according to the most approved methods.

### MUSIC.

The art of singing may now be regarded as a well established branch of instruction in the public schools of the Town. The interest of the children in music increases, as was to be expected, as their practice makes them more familiar with the art, and from their present point of departure, it will be comparatively easy to carry them forward so rapidly that the musical taste of the Town will soon, by their influence, be greatly improved. At recent exhibitions in all of the schools receiving musical instruction, the friends of the scholars were invited to be present, to which invitations they responded in considerable numbers; and all the opinions which have been heard have been expressive of satisfaction at what the young people have accomplished. Hereafter there can be no doubt that the people of the Town will gladly acquiesce in any reasonable expenditure for the advancement of music in the schools.

### SCIENCE.

The subject of the introduction of more science into our schools was discussed in the report of last year, but

little has been actually done, simply because the teachers have not had the means to work with. If our teachers were trained scientists, they would need little more than the order to begin the work ; but it is not discreditable to our teachers that they are not trained scientists, for even if they are graduates of the Normal Schools, or Colleges, they have found but little in those institutions that would make them acquainted with the elementary facts of modern science, and would give them such a knowledge of its principles and methods as would enable them, independent of class books, to impart to young children, in attractive manner such knowledge of the workings of nature around them as they can comprehend. This power implies a great deal. It implies that the teachers themselves have acquired habits of observation and thought sufficient to lead the minds of children to notice those relations which, in their untrained grasp of facts, they will naturally fail to see. Now, there are already as many studies in the schools as the time allowed to teachers and scholars will permit, and if anything new is attempted, it can only be substituted for something else. A change can be made in the reading department. Instead of the common class book for miscellaneous reading we can substitute, in part, class books in science, which can now be had in abundance and variety, suitable for all grades of schools, from the Primary to the High School. These books will serve to give the needed help to teachers, who can use them according to their best judgment as reading lessons. After the reading lesson, conversation

should follow, which would explain difficulties, increase the interest and give the inspiration that would drive the scholars, on the first opportunity, to the fields, the woods and the waters ; to the wharves, the machine shops and the factories, to bring home trophies which the teachers, in many instances, must again explain. After this, a little essay, summing up the scholar's experience, will put his observations in order, and impress the subject on his mind. In order to meet these exigencies, reference books ought to be furnished, sufficient to supply all the demands of the school, and to tide over the difficulties which must, at first, exist there. The work of the Primary Schools will be limited, of course, to the simplest facts, used, for the most part, to cultivate the perceptive faculties of the children, especially the sense of sight ; for they must begin early, if, in the course of a long life, they are to learn to see. Throughout the different grades of schools, the skilful teacher would, of course, adapt the instruction to the expanding powers of the scholar.

If this course of reading were pursued in our schools, beginning with the Primary and ending in the Grammar schools, it would change the character of the instruction given there. Instead of the excessive mechanical drill, to which an unreasonable importance is attached, we should have more freedom and variety of movement, more that would attract and arouse the scholar, and develop in him, from his earliest years, the habit of original investigation. The self-activity which this treatment would bring about, would be of more value than any knowledge

acquired in the common course of instruction, for it would cultivate the reasoning powers of the pupil so as to enable him to deal successfully with the daily questions of common life.

In conclusion, a cordial invitation is offered to all who are interested in the schools of the Town. to visit them and examine for themselves. Any such attention would be very pleasing to the teachers, encouraging to the scholars, and, it is confidently believed, gratifying to the visitors themselves.

Respectfully submitted,

CHARLES BURTON, *Superintendent.*

PLYMOUTH, February, 1886.

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## APPENDIX.

Population of the Town.....	7,239
Children between the ages of 5 and 15 years...	1,234
Number of Public Schools.....	34
Number of Private Schools .....	2
Months the Public Schools were in session....	10
Months the Private Schools were in session....	10
Number of School-houses .....	28
Number of teachers in High School.....	4
Number of teachers in Grammar Schools.....	4
Number of teachers in Intermediate Schools...	9
Number of teachers in Primary Schools.....	15
Number of teachers in Ungraded Schools.....	5
Number of scholars in Public Schools.....	1,461
Average number belonging.....	1,136
Average attendance.....	1,043
Number between 8 and 14 years of age.....	743
Number over 15 years of age.....	146



## STATISTICS.

LOCATION OF SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrollment.	Average Membership.	Average Attendance.
Green,	High School,	A. J. Eaton,	\$1,500	150	130	123
		Carrie E. Small,	800			
		Ellen W. Beane,	700			
		Emma F. Briggs,	700			
Russell Street,	Grammar,	Aaron H. Cornish,	1,000	62	57	45
Mount Pleasant,	Grammar,	Seth S. Crocker,	1,000	66	48	43
North,	Grammar,	Charles F. Cole,	1,000	54	44	39
Chiltonville,	Grammar,	Elmer E. Sherman,	800	50	43	39
South Plymouth,	Grammar,	Mary L. Holmes,	400	31	26	23
North,	Intermediate,	Henry R. Hitchcock,	600	56	52	41
Wellingsley,	Intermediate,	Addie L. Bartlett,	360	35	29	25
Russell Street,	Third Grade,	Carrie I. Mace,	360	62	57	53
Mount Pleasant,	Third Grade,	Augusta M. Morton,	360	52	47	40
Russell Street,	Second Grade,	M. Alice Aldrich,	320	39	37	33
Russell Street,	Second Grade,	Anna A. Jones,	320	42	38	32
Mount Pleasant,	Second Grade,	Nelia D. Burbank,	320	56	54	47
North,	Second Grade,	Lucy M. Harlow,	320	15	14	13
Cold Spring,	Primary,	Frances E. Hovey,	280	41	36	27
School Street,	Primary,	Priscilla Perkins,	280	41	36	34
South Street,	Primary,	Grace D. Chandler,	280	34	31	28
2d South Street,	Primary,	Charlotte R. Bearce,	280	24	19	16
Oak Street,	Primary,	May H. Chandler,	280	57	30	28
North,	Primary,	Mary Moning,	280	47	40	33
South Street,	Sub-Primary,	Judith C. Howland,	280	63	43	37
Spring Street,	Sub-Primary,	Jennie C. Whitten,	280	49	37	28
Oak Grove,	Sub-Primary,	Nellie M. Smith,	280	38	30	22
Cold Spring,	Sub-Primary,	Mary J. Ellis,	280	49	32	20
North,	Sub-Primary,	Anna Klingenhagen,	280	63	46	36
South Plymouth,	Primary,	Lydia A. Sampson,	260	31	22	19
Cliff,	Primary,	Martha W. Whitmore,	260	26	24	20
Chiltonville,	Primary,	Susie F. Churchill,	260	21	17	16
Russell Mills,	Primary,	Mary A. Morton,	260	31	18	17
South Pond,	Ungraded,	Katie N. Sampson,	300	23	17	15
Long Pond,	Ungraded,	Addie E. Thrasher,	260	17	13	9
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	23	17	16
West District,	Ungraded,	Frances A. Hadaway,	260	10	9	7
Gurnet,	Ungraded,	Ella F. Holmes,	130	3	2	2



# ANNUAL REPORT

— OF THE —

TOWN OFFICERS

— OF THE —

TOWN OF PLYMOUTH

— FOR THE —

FINANCIAL YEAR ENDING JANUARY 1st,

1887



PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1887.



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—OF THE—

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PLYMOUTH PUBLIC LIBRARY

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108-1887

## REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year 1886:

The Treasurer's books have been examined and found correct, and all payments properly vouched.

The Treasurer is charged for the year with:

Cash on hand, Jan. 1, 1886 .....	\$18,167 54
Cash from—	
Water rents, labor and materials.....	15,353 65
County, dog fund.....	670 43
Sale of lots in Vine Hills Cemetery.....	507 33
Agawam and Half-way Pond fishery.....	193 50
Dividend from Old Colony National Bank. ....	400 00
Interest from delinquent taxes .....	423 27
Interest on Training Green fund .....	28 58
Pedlars' licenses .....	13 50
Rebate of interest on loans. ....	13 81
State aid refunded .....	1,379 00
Indigent State aid refunded.....	536 53
National Bank tax from State of Massachusetts..	2,188 92
Corporation tax.....	6,869 24
Interest from Warren fund .....	50 00
Billiard and rink licenses .....	10 00
Land rent. ....	6 00
Poor Department, reimbursements .....	1,407 47
Road Department, reimbursements .....	1,984 87
Insane poor, reimbursements .....	841 39
<i>Carried forward</i> .....	\$51,045 03

<i>Amount brought forward.</i> . . . . .	\$51,045 03
Cash from—	
Contingent, reimbursements. . . . .	161 10
School Department, reimbursements . . . . .	766 88
School Department, reimbursements from Murdock fund. . . . .	18 25
Poor Department, reimbursements from Murdock fund. . . . .	18 25
Widows' fund, reimbursements . . . . .	10 00
Fines, violation by-laws . . . . .	2 00
Sale of herring brooks. . . . .	23 50
Circus license . . . . .	37 50
Taxes of 1884 . . . . .	2,013 22
Taxes of 1885 . . . . .	5,742 00
Taxes of 1886 . . . . .	63,327 76
Water Department, reimbursements. . . . .	4,949 44
Burial Hill . . . . .	125 90
Tax sales. . . . .	71
New road, reimbursements. . . . .	3 00
	<hr/>
	\$128,244 54

The Treasurer is credited with payments as follows:

To payments on—	
Account Duxbury & Cohasset Railroad loan. . . . .	\$1,500 00
Note at Plymouth Savings Bank. . . . .	1,000 00
Note to Estate Susan Manter. . . . .	200 00
National Bank tax . . . . .	3,765 05
State tax. . . . .	4,110 00
County tax. . . . .	5,055 34
Vine Hills Cemetery. . . . .	253 68
Widows. . . . .	143 00
Water Works, loans and extensions . . . . .	18,655 07
	<hr/>
<i>Amount carried forward</i> . . . . .	\$34,682 14



*Amount brought forward* . . . . . \$34,682 14

To payments on—

Watch and police . . . . .	1,238 69
Treasurer . . . . .	600 00
Sexton . . . . .	125 00
Town debt and interest . . . . .	2,299 88
State aid . . . . .	1,346 75
Schools . . . . .	23,644 35
Roads and bridges . . . . .	11,193 29
New roads . . . . .	1,911 41
Insane poor . . . . .	2,597 39
Poor . . . . .	8,703 02
Fire Department . . . . .	3,560 00
Burial Hill . . . . .	250 87
Contingent . . . . .	3,031 81
Lighting streets and Town House . . . . .	1,721 19
Assessors . . . . .	805 76
Plymouth Public Library . . . . .	1,000 00
Agawam and Half-way Pond fishery . . . . .	92 68
Warren fund . . . . .	128 90
Collector of Taxes . . . . .	504 58

---

\$99,437 71

To cash paid—

Indigent soldiers . . . . .	1,129 64
Abatements . . . . .	808 85
Chiltonville water extension . . . . .	4,047 42
New reservoir . . . . .	5,254 20
Water Scrip Sinking Fund trustees . . . . .	317 50
North Intermediate school, balance account. . . . .	700 00
Samuel Sampson, administrator estate Alice B. Sampson . . . . .	1,000 00
Cash on hand . . . . .	15,549 22

---

\$128,244 54

The undrawn balances of the several departments are as follows:

Fresh Brook fishery.....	\$4 92
Vine Hills Cemetery .....	459 93
Town debt and interest.....	424 73
Watch and police ...	41 18
Lighting streets and Town House.....	292 94
Tax sales.....	71
Abatements.....	766 49
Roads and bridges .....	1,282 57
Fire Department.....	649 44
Water Works.....	2,773 11
Warren fund .....	1,064 93
Collector of Taxes.....	8 99
Contingent.....	129 29
Schools.....	240 78
Assessors .....	139 60
Training Green fund.....	732 07
	<hr/>
	\$9,011 68

The overdrawn balances of the several departments are as follows, viz.:

Insane poor.....	\$31 00
Indigent aid.....	564 82
New roads.....	208 41
Chiltonville water extension.....	4,047 42
New reservoir .....	5,254 20
Poor .....	416 77
	<hr/>
	\$10,522 62

## TOWN DEBT.

## WATER LOAN FUNDED.

70,000 four per cent. bonds, dated June 1, 1885, payable within 30 years in proportional payments of \$2,800 each year, commencing June 1, 1890.....	\$70,000 00	
20,000 six per cent. bonds, dated Aug. 1, 1864, payable Aug. 1, 1894.....	20,000 00	
2,000 six per cent. bonds, due June 1, 1885 .....	2,000 00	
Note to Plymouth Savings Bank, due April 1, 1890, interest 5 per cent...	6,000 00	
Note to Plymouth Five Cents Savings Bank, due Aug. 2, 1890, interest 4½ per cent. ....	6,000 00	
	—————	\$104,000 00

## DUXBURY AND COHASSET RAILROAD LOAN.

Note to Plymouth Savings Bank, due April 1, 1890, interest 4 per cent	\$6,000 00	
Note to Plymouth Five Cents Savings Bank, due April 1, 1890, interest 4 per cent.. ....	6,000 00	
	—————	12,000 00
		—————
		\$116,000 00

## TEMPORARY LOAN.

<i>Amount brought forward.</i> .....		\$116,000 00
Note to Plymouth Savings Bank, payable April 13, 1888, interest 4 per cent .....	\$5,000 00	
Note to Plymouth Five Cents Savings Bank, payable March 20, 1888, interest 4 per cent .....	6,700 00	
Note to Plymouth Savings Bank, payable Sept. 18, 1886, interest 4 per cent .....	10,000 00	
Note to Plymouth Savings Bank, on demand, interest 4 per cent. ....	6,000 00	
Note to Plymouth Savings Bank, payable March 30, 1891, interest 4 per cent .....	5,000 00	
Notes to sundry parties .....	4,900 00	
		<hr/>
		\$37,600 00
Undrawn balance of the several departments. ...		9,011 68
		<hr/>
		\$162,611 68
LESS.		
Uncollected taxes, 1885 .....	\$1,615 75	
Uncollected taxes, 1886 .....	7,272 92	
State aid due from State .....	1,346 75	
Indigent aid due from State .....	564 82	
Cash on hand .....	15,549 22	
		<hr/>
		26,349 46
		<hr/>
Net debt, December 31, 1886 .....		\$136,262 22
Net debt, December 31, 1885 .....		135,141 32
		<hr/>
Increase of debt in 1886 .....		\$1,120 90
Net amount of debt, Dec. 31, 1886 ...	\$136,262 22	
Net less Water Scrip Sinking Fund, Dec. 31, 1886 .....	5,398 68	
		<hr/>
Debt less Sinking Fund, Dec. 31, 1886	130,863 54	
Debt less Sinking Fund, Dec. 31, 1885	131,270 34	
		<hr/>
Decrease in debt, less Sinking Fund, 1886 ...		\$406 80

Payments have been made during the year on account of Duxbury & Cohasset Railroad Loan, of \$1,500, making the funded debt \$116,000 against \$117,500 last year. There has also been paid, on temporary indebtedness, the sum of \$1,200, making the reduction in funded and temporary indebtedness \$2,700 the past year.

The over drafts, including the sums expended for new reservoir, and Chiltonville water extension, are \$5,561.73 in excess of last year, which is in part offset by the following items of credit, viz.: payment on account of loans as above stated, \$2,700 gain in Bank and Corporation taxes, and miscellaneous receipts in excess of revenue covered into the treasury, \$1,740.83, leaving a balance of \$1,120.90, which represents the increase of the debt for the year.

There has been added to the Water Scrip Sinking Fund during the year from net income from Water Works in 1885, the sum of \$1,000, balance of premium on Water Loan, \$317.50, and income from the fund, \$210.20, which added to the fund of last year, makes its present value, Dec. 31, 1886, \$5,398.68. There will be available for the fund an additional sum of \$2,500, net income from Water Works the past year, which, with the increased market value of the securities, give assurance that the fund will amply provide for meeting the loan on account of Pumping Station, due in 1890.

Authority was given the Selectmen, at the meeting authorizing the Water Commissioners to construct a new reservoir, to provide for the expenditure by a loan, limited within a period of 10 years. As the work is not completed, and further additions to the Works are contemplated, it has been deemed advisable to await the action of the Town, when a new loan can be authorized, which shall distribute the payments both in time and amount, so as not to increase existing obligations, and become burdensome to the Town, as the loan as at present authorized is likely to do.

The whole amount assessed for taxes in 1886 was \$70,600, against \$71,526.06 in 1885, with an increased valuation of \$372,875, of which \$179,200 was in real, and \$193,675 in personal property, reducing the rate from \$14.00 in 1885 to \$12.80 in 1886. The present rate is not likely to be maintained with the increased appropriations to be provided for at the annual meeting.

There has been expended during the year for Indigent aid to soldiers, the sum of \$1,129.64. The amount due from the State will leave a deficiency of \$564.82 to be provided for.

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*TOWN DEBT AND INTEREST ACCOUNT.*

Dec. 31, 1885.

CR.

By balance from old account. ....	\$487 53
By appropriation. . . . .	3,000 00
By rebate of interest on note paid before maturity,	13 81
By interest received from delinquent taxes. ....	423 27
	<hr/>
	\$3,924 61

DR.

To payment of interest on Duxbury & Cohasset Railroad loan . . . . .	\$510 00
To interest on temporary loans. . . . .	1,684 67
To interest on loans in anticipation of taxes . . . . .	105 21
To payments on principal of outstand- ing loans. . . . .	1,200 00
	<hr/>
	3,499 88
Undrawn. ....	<hr/>
	\$424 73

To provide for the payment of interest on temporary and Duxbury & Cohasset Railroad loans, with a payment on account of outstanding loans of \$1,000, will require an appropriation of \$2,800, which is recommended.



## ROADS AND BRIDGES.

Dec. 31, 1885.

CR.

By—

Balance from old account . . . . .	\$1,390 99
Appropriation . . . . .	9,100 00
Cash from George F. Weston, sidewalk improvement . . . . .	21 00
Reimbursement from Poor Department . . . . .	436 55
Reimbursement from new road department . . . . .	1,527 32
	<hr/>
	\$12,475 86

CONTRA, DR.

To payments in 1886 . . . . .	11,193 29
Undrawn. . . . .	<hr/>
	\$1,282 57

The gross expenditure for roads and bridges, the past year, has been \$11,193.29, against \$10,019.23 last year, and less the work on new roads and earnings of the teams in other departments, is \$9,228.42 against \$8,109.01 in 1885. The difference being principally in the item of labor, the Town having voted to increase the pay of its laborers to \$2.00 per day, which went into effect on the 1st of April.

A special appropriation of \$600 was made at the annual meeting, to improve the drainage at the junction of High with Summer Street and Willard Place. It was found necessary to effectually provide for the surface water, to carry it under the main street from the foot of High Street, by laying an 18-inch pipe from that point, through Willard Place to the brook below, and connect it with under pipes to receive the surface water from Summer Street above that point. It has so far proved effective, and with the change of grade and removal of the rough pavement on Willard Place, has removed all cause of

complaint and proved satisfactory to those living near and passing over that locality. The cost of the improvement was \$606, slightly exceeding the appropriation.

There has been expended for permanent improvement of sidewalks, \$1,127.87, of which \$174.25 was for repairs on concrete walks, the balance being for new work.

The general repairs on roads, in other respects, has not varied materially from the previous year, but with the addition of new roads and increased cost of labor, an appropriation of \$8,000, in addition to the balance standing to the credit of the account, and the further sum of \$1,000 for permanent improvement of the sidewalks is recommended.

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#### *NEW ROADS.*

Dec. 31. 1885.

Dr.

To balance of old account . . . . .	\$3,826 10
To payments in 1886 . . . . .	1,911 41
	<hr/> \$5,737 51

Cr.

By appropriation for deficiency . . . . .	\$3,826 00	
By appropriation for 1886 . . . . .	1,700 00	
By reimbursement . . . . .	3 00	
	<hr/>	5,529 00
Overdrawn . . . . .		<hr/> \$208 51

Of the above expenditure on account of new roads, the sum of \$1,267.67 has been expended for the construction of Whiting Street, \$439.47 for the construction of Nelson Street, \$168.77 for working the road at Cedarville, and \$35.50 for surveys and outstanding bills on Court Street widening, in all, \$1,911.41, creating a deficiency of \$208.41, as shown in the account.

The working of Nelson Street and road at Cedarville were ordered by the County Commissioners, the latter being a county way, the former a town way, involving a cost for land damages disproportionate to the benefit to the Town.

An order of notice has been served on the Town by the County Commissioners, for the widening of Main Street, which assesses upon the Town as its proportion of the cost, the sum of eight thousand dollars, the same to be paid into the County Treasury, on or before June 1, of the present year, which will largely increase the appropriations in this department, unless otherwise provided for by the Town. There remains of unfinished work in this department, the working of Bartlett Street, and the widening lately made by the Commissioners at the junction of South and Pleasant Streets, for which an appropriation of \$400 will be needed.

A petition and survey, for the laying out of a town way from Summer to Stafford Street, has been presented to the Selectmen, upon which a hearing has been granted, and the proposed route carefully looked over, to judge of its feasibility and probable costs.

The Selectmen find that the cost for land damages and construction will probable equal, if not exceed, \$5,000.00, that the demand for, and convenience of, public travel between the points named, would not justify such an expenditure by the Town, that the road would not make available land to any extent suitable for building purposes, it would also be an expensive road to maintain, owing to the grade and character of the soil.

There is already a good and sufficient way accessible to most of the population living in that vicinity, which would not be materially improved in case the road petitioned for was built, to relieve the parties living on the line of the road, who at present, may suffer some inconvenience in case of snow, and from making occasional repairs on the bridge over the stream

of the Robinson Iron Co., the Selectmen recommended that the repairs and removal of snow be borne by the Town, and such repairs made on the present way, as will accommdate the demands of travel over it.

An appropriation of \$8,400 to include the amount needed to provide for the estimated expenditures, is submitted.

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### WATER WORKS.

Dec. 31, 1885.	CR.	
By balance of old account.....		\$1,125 09
By receipts from Collector .....		15,353 65
By reimbursements from new reservoir account ..		902 02
By reimbursements for payments on account Chil-		
tonville water extension.....		4,047 42
		<hr/> \$21,428 18
	CONTRA, DR.	
To payments in 1886 .....		18,655 07
		<hr/>
Undrawn.....		\$2,773 11

The income from Water Works the past year, less the amount received for labor and materials supplied to the Plymouth Cordage Co., is \$14,771.42, against \$14,670.30 in 1885, showing an apparent gain for the year in receipts of \$101.12. The expenditures for the same time have been \$12,123.40, against \$13,563.03, a difference in expenditure of \$1,439.63 and including balance of last year, after payment of \$1,000 to trustees of Water Scrip Sinking fund, viz.: \$125.09, there remains a balance to the credit of the Works for the year of \$2,773.11 as appears in the statement, which under a vote of the Town will be applied to the sinking fund. The funding of the loan effecting a saving in interest charges of \$1,400 annually, accounts in part for the increased net income from the Works. Of the loan

due in 1885, \$2,000 of the bonds are still outstanding, on which coupons for 2 years' interest are unpaid, as the funds for the payment remain in the treasury until called for, they do not, as would otherwise appear, count as a part of the water debt.

There has been expended during the year for extensions, the sum of \$1,080.55, which has been charged in the general expenses, and in estimating what credit should be given to the Works, this sum should be added to the net income. With the addition to the Works now in progress and contemplated, the expenses will be increased, and it is difficult to estimate with any certainty, while extensions are included in expenses, what income can be relied upon as a basis to provide for a sinking fund or retirement of new loans. Reference to the report of the Commissioners and Superintendent will give the detailed operations for the year.

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### *LIGHTING STREETS AND TOWN HOUSE.*

Dec. 31, 1885.

CR.

By balance of old account.....	\$14 13
By appropriation.....	2,000 00
	<hr/> \$2,014 13

DR.

To payments in 1886.....	\$1,721 19
Undrawn. ....	<hr/> \$292 94

The action of the Town at its Annual Meeting in appropriating an additional sum for street lights, was understood by the Selectmen as indicating a desire on the part of the Town, to test the system of lighting the streets by electricity. Arrangements were accordingly entered into with the Plymouth Electric Light Co., to furnish 7 electric lights, to be located in the most travelled parts of the Town, at a cost of 40 cents per night, to burn 300 nights in the year, and to be

kept lighted from dark until 12 P. M., at a cost for the year of \$120.00 each. This number has displaced 14 gas lights, costing \$284.00. There are now 40 street lights burning gas, and 21 burning either oil or illuminating gas, in addition to the 7 electric lights, the cost of the present system, including gas supplied the Town House, will cost about \$2,000 annually. The electric light having been in operation since May 20, the public have had an opportunity to form a comparison of the merits of the two systems, and determine by their action the method to be adopted for the present year.

In case the present system is continued, an appropriation of \$1,750 will be required.

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*CONTINGENT.*

March 13, 1886.

CR.

By—

Appropriation . . . . .	\$3,000 00
Sewer rights . . . . .	149 94
Sundry items . . . . .	11 16
	<hr/> 3,161 10

DR.

To paid—

Services of Town Clerk . . . . .	\$167 90
Printing town report, &c . . . . .	355 97
Bills for fires in the woods . . . . .	284 63
Ellis Benson, care town clock . . . . .	25 00
Grand Army, Decoration Day . . . . .	125 00
Lock-up expenses . . . . .	38 64
Carriage hire, Selectmen . . . . .	5 00
Services Board of Registration . . . . .	80 00
Legal expenses . . . . .	35 00
J. Cox, Boston Directory . . . . .	5 00



To paid—	
Repairs on safe and fitting up Treasurer's room..	\$476 23
Cost of sewers .....	100 44
Guide boards .....	4 20
Paint for Chiltonville Burial Ground fence.....	33 25
Expenses of Board of Health .....	159 04
Janitor of Town House .....	129 56
Rent of halls .....	90 00
Pay of Moderator and Tellers at Town Meetings.	16 00
W. T. Davis, on account School Fund.. .....	9 80
B. A. Hathaway, Inland Fisheries .....	6 00
Edgar C. Raymond, return of deaths .....	35 75
Returns of births... ..	37 00
Coal bills, town house.....	88 37
Postage stamps, &c.....	50 26
Labor on furnace.....	5 25
Services of Selectmen.....	625 00
Sundries.....	43 53
	<hr/>
	\$3,031 82
Undrawn.....	129 28
	<hr/>
	\$3,161 10

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### SCHOOLS.

March 13, 1886.	CR.
By appropriation.....	\$21,300 00
By appropriation for books and supplies.....	1,800 00
By appropriation for deficiency .....	581 38
By transfer from new school-house appropriation...	700 00
By School fund from State.....	66 88
By income from Murdock fund .....	18 25
	<hr/>
	\$24,466 51

Dec. 31, 1885.	Dr.		
To balance of old account .....		\$581 38	
To payments in 1886 .....		23,645 35	
		<u>          </u>	24,226 73
Undrawn ... ..			\$239 78

The expenditures on account of schools are \$23,645.35 against \$24,604.63 in 1885, a less expenditure of \$959.28, showing for the first time in several years a balance to the credit of the account.

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*POOR.*

To payments in 1886.....		\$8,703 02	
Dec. 31, 1885.	Cr.		
By balance, old account .....		\$378 78	
By appropriation.....		6,500 00	
By reimbursements... ..		1,407 47	
		<u>          </u>	8,286 25
Overdrawn.....			\$416 77

The expenditures on account of poor are \$704.65, in excess of last year, which will be explained in the report of the Overseers, an appropriation of \$7,000 for the current year is recommended.

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*INSANE POOR.*

	Dr.		
To payments in 1886.....		\$2,597 39	
	Cr.		
By appropriation.....		\$1,725 00	
By reimbursements.....		841 39	
		<u>          </u>	2,566 39
Overdrawn.....			\$31 00

The present number of inmates in the hospitals is 15, ten of which are wholly supported by the Town, the remainder are wholly or in part reimbursed to the Town.

An appropriation of \$2,000 is likely to be required, and is recommended.

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*VINE HILLS CEMETERY.*

Dec. 31, 1885.	CR.	
By balance from old account.....		\$206 28
By cash from sale of lots.....		507 33
		<hr/>
		713 61

CONTRA, DR.

To payments in 1886.....	240 36
Undrawn .....	<hr/>
	\$473 25

There have been sold during the year 34 lots, from which has been received \$482.34 and \$24.99 for lots sold in 1885, there is due for 3 lots sold, but not paid for, \$34.00.

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*WATCH AND POLICE.*

March 13, 1886.	CR.	
By appropriation .....		\$1,300 00
Dec. 31, 1885.	DR.	
To balance old account.....	\$20 13	
To payments in 1886.....	1,238 69	
	<hr/>	1,258 82
Undrawn.....		<hr/>
		\$41 18

*WARREN FUND.*

CR.

By balance from old account .....	\$1,143 83
By interest on old account .....	50 00
	<hr/>
	1,193 83

DR.

To payments in 1886 ..	128 90
	<hr/>
Undrawn .....	\$1,064 93

*FRESH BROOK.*

Dec. 31, 1885.

CR.

By balance undrawn from old account .....	\$4 92
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*BURIAL HILL.*

Dec. 31, 1885.

CR.

By balance from old account .....	\$124 97
By amount transferred from Warren Fund .....	125 90
	<hr/>
	\$250 87

DR.

To payments in 1886 .....	\$250 87
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*FIRE DEPARTMENT.*

Dec. 31, 1885.

CR.

By balance from old account .....	\$209 44
By appropriation .....	4,000 00
	<hr/>
	4,209 44

DR.

To payments in 1886 .....	3,560 02
	<hr/>
Undrawn .....	\$649 42

*COLLECTOR OF TAXES.*Dec. 31, 1885. CR.

By balance from old account .....	\$13 57
By appropriation .....	500 00
	<hr/> 513 57

DR.

To paid Collector, collecting \$2,011.08, taxes of 1884, \$5,742.00, taxes of 1885—\$7,753.08, at 1 per cent.	\$77 53
Salary 1886 .....	500 00
	<hr/> 577 53
Less 1 per cent. on \$7,295.80, taxes of 1886, uncollected. ....	72 95
	<hr/> 504 58
Undrawn. ....	<hr/> \$8 99

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*TREASURER.*CR.

By appropriation .....	\$600 00
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DR.

To salary, 1886 .....	\$600 00
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*SEXTON.*CR.

By appropriation .....	\$125 00
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DR.

To sexton's salary, 1886 .....	\$125 00
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*ABATEMENTS.*

Dec. 31, 1885.	CR.	
By balance from old account.....	\$1,789 59	
By overlay, 1886.....	777 75	
	<hr/>	\$2,567 34
	CONTRA, DR.	
To payment to Samuel Sampson, ad- ministrato.....	\$1,000 00	
To abatements to Collector.....	800 85	
	<hr/>	1,800 85
Undrawn.....		<hr/> \$766 49

*ASSESSORS.*

March 13, 1886.	CR.	
By appropriation.....		\$950 00
	DR.	
To payments in 1886.....		810 40
Undrawn.....		<hr/> \$139 60

*DUXBURY & COHASSET RAILROAD SINKING FUND.*

	CR.	
By appropriation.....		\$1,500 00
	DR.	
To payment on note at Plymouth Savings Bank.....	\$750 00	
To payment on note at Plymouth Five Cents Savings Bank.....	750 00	
	<hr/>	\$1,500 00



*TRAINING GREEN FUND.*

Dec. 31, 1885.	CR.	
By balance from old account.....		\$703 49
By interest .....		28 58
		<hr/>
Undrawn .....		\$732 07

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*MURDOCK FUND.*

	CR.	
By fund re-established .....	\$730 00	
By interest 1 year .....	36 50	
	<hr/>	\$766 50
	DR.	
To payment to poor account.....	\$18 25	
To payment to school account .....	18 25	
	<hr/>	36 50
		<hr/>
Balance .....		\$730 00

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*CHILTONVILLE WATER EXTENSION.*

	DR.	
To payments, 1886 .....		\$4,047 42

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*NEW RESERVOIR.*

	DR.	
To payments in 1886 .....		\$5,254 20

In accordance with the General Statutes, chapter 53, the Selectmen report the following Guide Boards in Plymouth, in good condition, with location, directions and distances, viz. :

Guide board near Carver and Plympton line, marked, Carver, 3 miles, Middleboro, 7 miles, Rochester, 13 miles.

Guide board near junction of Plympton and Carver road, marked, Plympton, 8 miles, Middleboro,  $13\frac{1}{2}$  miles, Carver,  $5\frac{1}{2}$  miles.

Guide board near Sparrow's Hill, marked, Wareham, 13 miles, New Bedford, 29 miles, Rochester, 18 miles, Carver, 6 miles, Middleboro, 13 miles, Plympton, 8 miles.

Guide board at junction Carver and Wareham road, on South Meadow road, marked, Wareham, 13 miles, Rochester 17 miles, New Bedford, 28 miles.

Guide board corner Summer and Billington Street, marked, Carver, 8 miles, Wareham, 17 miles, New Bedford, 31 miles.

Guide board corner South and Pleasant Street, marked, Halfway Pond, 8 miles, South Pond, 4 miles.

Guide boards on G. W. Bramhall's store, Chiltonville, one marked, Sandwich, 16 miles, the other, South Plymouth, 4 miles.

Guide board at Clark's Valley, marked, Sandwich,  $15\frac{1}{2}$  miles.

Guide board at Battles' Corner, Chiltonville, marked, Sandwich, 14 miles.

Guide board at South Pond, on Vinal Burgess' house, marked, Plymouth, 4 miles.

Guide board near Sylvanus Sampson's house, South Pond, marked, Bourne, 14 miles.

Guide board at Freeman Manter's farm, South Pond, marked, Bourne and Wareham.

Guide board on the South Pond road, marked, Bourne, 16 miles.

Guide board at Mast road, marked, Sandwich, 13 miles.

Guide board near estate of Jonathan Thrasher, marked, Plymouth, 8 miles.

Guide board on Prospect road, Long Pond, marked Wareham, 8 miles.

Guide board near Bloody Pond, marked, Sandwich, 9 miles, Plymouth 9 miles.

Guide board near Eaton's bog, marked, Sandwich.

Guide board at Lemuel Raymond Hollow, marked, Bourne and Wareham.

Guide board at cross roads, Long Pond, marked, Onset.

Guide board at cross roads, Long Pond, marked, East Wareham.

Guide board on the west side Half-way Pond Brook, marked Plymouth.

Guide board on M. V. B. Douglass' barn, marked, Plymouth and Onset.

Guide board at Andrew Douglass' farm, marked, Onset.

Guide board on White Island Pond road, marked, Onset.

Guide board near Horatio Wright farm, marked, Sandwich,  $11\frac{1}{2}$  miles.

Guide board at fork of Clark and Sandwich roads, marked, Sandwich, 11 miles.

Guide board near George Thrasher's farm, marked, Plymouth,  $7\frac{1}{2}$  miles.

Guide board at Chamberlain place on Sandwich road, marked, Plymouth, 9 miles.

Guide board at Chamberlain place, marked, Sandwich, 9 miles.

Guide board near the house of Elisha Ellis on Sandwich road, at the fork of South Plymouth road, marked, Plymouth, 10 miles.

Guide board located on Long Pond road, marked, Cedarville, 2 miles.

Guide board located at Cedarville, marked, Plymouth, 13 miles.

Guide boards located at Cedarville school-house, marked, No. Sandwich,  $2\frac{1}{2}$  miles.

Guide board located on Sandwich road near the line between Plymouth and Bourne, marked, Plymouth,  $13\frac{1}{2}$  miles.

Guide board on Sandwich road, at same place, marked, Sandwich, 5 miles.

Guide board on Sandwich road near Warren Swift's, marked, Plymouth, 13 miles.

Guide board located at foot of Pine Hills, south side, marked, Sandwich,  $14\frac{1}{2}$  miles.

Guide board near Fresh Pond, marked, Sandwich, 12 miles.

Guide board near Grassy Holes, marked, So. Plymouth, 4 miles.

Guide board near Grassy Holes, marked, Sandwich, 9 miles.

Guide board in crotch of road to Ship Pond, marked, Plymouth road.

Guide board near house of Elisha Ellis, marked So. Plymouth, 6 miles.

#### GUIDE BOARDS RECOMMENDED.

Guide post to be located near Warren Swift's, marked, Bourne, 6 miles.

Guide board to be located near Cedarville school-house, on new road, marked, Plymouth,  $13\frac{1}{2}$  miles.

Guide post to be located on road near A. J. Douglass' house, marked, Plymouth, 10 miles, marked, Wareham, 9 miles.

Guide board wanted at corner Sandwich and Pleasant Streets, marked, Bourne, 16 miles.

Guide board wanted at corner South and Pleasant Streets, marked, Bourne,  $15\frac{1}{2}$  miles.

Guide board wanted at Jabez Corner, marked, Manomet, 5 miles, Bourne, 15 miles.

Guide board wanted at Reuben Leach's house, marked, Bourne, 14 miles.

Guide board wanted at Clark's Valley, marked, Russell Mills.

Guide board wanted on South Pond road, near Russell Mills, marked South Pond.

Guide board wanted at road leading to J. C. Fuller's, marked, South Pond.

Guide board wanted at road leading to P. Burgess', marked, South Pond.

Guide board wanted on Cook's Pond road, marked, Bourne, 14 miles.

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### APPROPRIATIONS.

Schools . . . . .	\$22,000 00
School books and supplies . . . . .	1,800 00
Town debt and interest . . . . .	3,000 00
Roads and bridges . . . . .	8,000 00
Improvement of sidewalks . . . . .	1,000 00
Fire Department . . . . .	2,400 00
Watch and police . . . . .	1,250 00
Lighting streets and town house . . . . .	1,800 00
Insane poor . . . . .	2,000 00
New roads . . . . .	8,400 00
Contingent . . . . .	3,000 00
Poor . . . . .	7,000 00
Assessors . . . . .	675 00
Collector of Taxes . . . . .	500 00
Treasurer . . . . .	600 00
Duxbury & Cohasset Railroad Sinking Fund . . . . .	1,500 00
Sexton . . . . .	125 00
Burial Hill . . . . .	150 00
	<hr/>
	\$65,200 00

*Amount brought forward* . . . . . \$65,200 00

DEFICIENCIES.

Indigent aid . . . . .	\$564 82	
New roads . . . . .	208 41	
Chiltonville water extension . . . . .	4,047 42	
Poor . . . . .	416 77	
	<hr/>	5,237 42
		<hr/>
		\$70,437 42

The revenue not otherwise appropriated  
is estimated as follows :

Corporation tax . . . . .	\$5,500 00	
Bank tax . . . . .	2,000 00	
Miscellaneous receipts. . . . .	300 00	
	<hr/>	7,800 00
		<hr/>
		\$62,637 42

Leaving the sum of \$62,637.42, which it is recommended be raised by taxation for the expenses of the current year, being \$8,433.80 in excess of last year.

WILLIAM H. NELSON,	} <i>Selectmen of Plymouth.</i>
L. T. ROBBINS,	
EVERETT F. SHERMAN,	
WINSLOW B. STANDISH,	
JOHN CHURCHILL,	

PLYMOUTH, Feb. 12, 1887.



## VALUATION.

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Real estate .....	\$3,315,625 00
Personal property.....	1,600,100 00
	<hr/>
Total valuation .....	\$4,915,725 00

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Gain in real estate.....	\$179,200 00
Gain in personal property.....	193,675 00

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Number of polls, 1950.

Number of polls, women, 10.

Tax on polls, \$2.00.

Rate of taxation, \$12.80.

Number of horses, 578.

Number of cows, 418.

Number of sheep, 42.

Number of dwelling-houses, 1,306.

Number of acres land taxed, 50,771.

Number of tax payers, 2,860.

Number of persons paying tax on property, 1,758.

Number of persons paying poll tax only, 1,102.

COPY OF ARTICLES IN THE WARRANT  
*FOR THE ANNUAL TOWN MEETING, TO BE HELD  
 IN DAVIS HALL, AT 8.30 O'CLOCK IN  
 THE FORENOON OF MARCH 7, 1887.*

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ARTICLE 1. To chose a Moderator.

ARTICLE 2. To hear the report of the several officers and committees of the Town, and act thereon.

ARTICLE 3. To choose all necessary Town officers for the ensuing year. The following officers being required by law to be chosen by ballot, will, in accordance with a vote of the Town, at its annual meeting, be voted for on one ballot, to wit : Selectmen, Town Clerk, Treasurer, Assessors, Constables, Collector of Taxes, Overseer of the Poor, Water Commissioners, School Committee, Board of Health, Committee on Agawam and Half-way Pond Fishery.

ARTICLE 4. To accept and revise a list of jurors prepared by the Selectmen.

ARTICLE 5. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes, and for disbursements under the provisions of the laws relating to State aid, and to defray the expenses of the Town after January 1, 1888.

ARTICLE 6. To see if the Town will authorize the Collector of Taxes to use all means of collecting the taxes, which a Town Treasurer, when appointed a Collector, may use.

ARTICLE 7. To make the necessary appropriations to defray the expenses of the Town, and for other purposes, and raise such sums of money as the Town shall deem expedient.

ARTICLE 8. To see if the Town will appropriate the sum of \$125 to defray the expenses of Decoration Day.

ARTICLE 9. Shall licenses be granted for the sale of intoxicating liquors in this Town? Vote to be by separate ballot, "yes" or "no," in answer to the question.

ARTICLE 10. To see what action the Town will take in aid of the Public Library.

ARTICLE 11. To see if the Town will discontinue the laying out of all that part of the northerly end of Water Street which has never been worked, which lies easterly of the easterly fence of said street, being originally land of estate of Benj. Hathaway.

ARTICLE 12. To see if the Town will authorize the Selectmen to convey a strip of land, or right of way over land conveyed to the Town, July 1, 1884, by Ephraim Holmes and others.

ARTICLE 13. To see if the Town will instruct the Selectmen to enforce the provisions of the law concerning the sale of intoxicating liquors, and make an appropriation therefor, or provide in any way for the enforcement of said law.

ARTICLE 14. To see if the Town will vote to establish an evening school, and appropriate money to defray the expenses of the same, on the petition of F. J. Clarke and others.

ARTICLE 15. To take such action as the Town sees fit, with regard to requiring the County Commissioners to establish a County Truant School, in accordance with the provisions of law.

ARTICLE 16. To see what action the Town will take in relation to printing and publishing the Town Records, as a part of the history of the Town.

ARTICLE 17. To see if the Town will permit the burial of the body of the late Thomas Russell on Burial Hill.

ARTICLE 18. To see if the Town will accept an Act passed by the Legislature of the Commonwealth, in the year 1886, entitled, "An Act to authorize the Town of Plymouth to obtain an additional supply of water, and to issue notes, bonds and scrip for that purpose."

ARTICLE 19. To see what action the Town will take to furnish a better supply of water, and raise and appropriate any money which the action of the Town may require.

## ABSTRACT OF RECORDS FOR 1886.

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*Voted*—To authorize the Selectmen to prosecute, compromise, or defend any claim or suit, within the Commonwealth, in the name of the Town.

*Voted*—That no licenses be granted for the sale of intoxicating liquors in this Town. Nays, 384; yea, 1.

*Voted*—That the Town pay the sum of \$2.00 per day to its laborers.

*Voted*—That the Town appropriate and pay to Samuel Sampson, administrator of the estate of Alice B. Sampson, \$1,000, the same being in full for all damages on account of the death of said Alice B. Sampson, by reason of the Town Tree, so-called, falling upon her.

*Voted*—That the Town grant to the Public Library the whole of the dog fund now in the treasury, to wit: \$670.43, and appropriate the sum of \$329.57 for the maintenance of said Library.

*Voted*—That an act passed by the Legislature of the Commonwealth in the year eighteen hundred and eighty-two, entitled, "An Act authorizing towns and cities to lay out public parks within their limits," be accepted.

*Voted*—That the Water Commissioners be authorized to construct a reservoir of a capacity of not less than one or more than two million gallons, in some suitable place where a head of water can be obtained of not less than forty feet above the level of Little South Pond.

*Voted*—That to carry into effect the vote whereby the Commissioners are authorized to construct a reservoir, the Treasurer be authorized, under the direction of the Selectmen, to borrow a sum not exceeding \$15,000, payable in such equal annual proportional parts after the year 1886, as shall cover the whole of said sum in ten years from the date of said loan.

*Voted*—That the Water Commissioners are hereby instructed to obtain an Act from the Legislature, authorizing the Town to improve the water supply, to take any land necessary therefor, and to issue bonds, notes or scrip to an amount not exceeding \$45,000.

*Voted*—That the Town elect all its town officers on one ballot.

*Voted*—That the Water Commissioners be instructed to extend a 4-inch pipe as far as the vicinity of Battles' Corner, so-called.

*Voted*—That the Selectmen be authorized to borrow the sum of \$3,000 for the purpose of defraying the expenses of the extension of water pipes in Chiltonville, and that the same be assessed on the tax of 1887.



## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, Winslow B. Standish.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—John Harlow, Charles H. Holmes, Benjamin F. Ward.

OVERSEERS OF THE POOR—George H. Jackson, elected March 1, 1886; John Churchill, elected March 2, 1885; Charles P. Hatch, elected March 3, 1884.

WATER COMMISSIONERS—Charles S. Davis, elected March 1, 1886; Everett F. Sherman, Nathaniel Morton, elected March 2, 1885; Samuel H. Doten, Horace R. Bailey, elected March 3, 1884.

SCHOOL COMMITTEE—Charles I. Litchfield, James Millar, elected March 1, 1886, for three years; Charles S. Davis, elected March 1, 1886, for one year; Frederick N. Knapp, William T. Davis, elected March 2, 1885, for three years; George F. Weston, elected March 3, 1884, for three years.

SUPERINTENDENT OF SCHOOLS—Charles Burton.

AGAWAM FISHERY COMMITTEE—Jesse R. Atwood, Joseph F. Towns.

CONSTABLES—James B. Collingwood, Joseph W. Hunting, Elisha G. Besse, James T. Heath, Freeman Manter, Joseph F. Towns, Ira C. Ward.

BURIAL HILL COMMITTEE—Selectmen.

SUPERINTENDENT OF BURIAL HILL—William T. Davis.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins, Edward B. Atwood, George H. Jackson, Cornelius C. Holmes, Nathaniel Brown.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS AND BRIDGES—Selectmen.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perry, Hosea C. Bartlett, Galen R. Holmes, Lewis S. Wadsworth, Jacob W. Southworth, William H. Pettee.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—William T. Hollis.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Joseph F. Towns, Horatio Wright, Martin V. B. Douglass, Henry Whiting, Nathaniel Ellis, Nathaniel Clark, Gustavus G. Sampson, David Clark, Galen R. Holmes, Nehemiah L. Savery, George R. Briggs, Nathaniel Brown, Nathan B. Perry, Thomas Sampson.

POUND KEEPERS—Obed C. Pratt, Galen R. Holmes, Hosea C. Bartlett, Nathan B. Perry.

TRUSTEES OF WATER SCRIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, Charles B. Stoddard, Benjamin A. Hathaway.

BOARD OF ENGINEERS OF FIRE DEPARTMENT—Horace P. Bailey, William E. Baker, Peleg S. Burgess, Albert E. Davis, George E. Saunders, William E. Churchill.

BOARD OF REGISTRATION—Isaac M. Jackson, John W. Churchill, Herbert Morrissey, Curtis Davie.

BOARD OF HEALTH—James B. Collingwood, Charles H. Holmes, Clark Finney, Jr., William T. Davis.

# REPORT OF THE WATER COMMISSIONERS

## FOR THE YEAR ENDING DECEMBER 31, 1886.

### SUMMARY OF STATISTICS.

*Plymouth, Mass., Water Works.*

Population by census of 1885 : 7,239.

Date of construction : 1855. By whom owned : Town.

Source of Supply : Great and Little South Ponds and Lout Pond.

Mode of Supply : Gravity part of way, and then pumping.

#### PUMPING.

1. Builders of pumping machinery : Worthington.
2. Coal :  $\left\{ \begin{array}{l} b. \text{ Bituminous.} \\ d. \text{ Brand, various.} \\ e. \$4.65 \text{ per ton.} \end{array} \right.$
3. Coal for year : 491,895 pounds.
4. Wood for year : 1,200 pounds = 400 pounds coal.
5. Total fuel : 492,295.
6. Total water pumped : 214,477,051 gallons.
7. Average static head : 35 feet.
8. Average dynamic head : 100 feet.
9. Number of gallons pumped per pound of coal : 435.
10. Duty of pump : 36,350,339.

**\*Cost of Pumping, figured on Pumping Station Expenses, viz. : \$2,551.28.**

11. Per million gallons against dynamic head into direct pipe : \$11.89.
12. Per million gallons raised one foot high (dynamic) : \$0.11  $\frac{89}{100}$ .

**Cost of Pumping, figured on Total Maintenance, viz. : \$10,506.91.**

13. Per million gallons raised against dynamic head into direct pipe, \$48.98.
14. Per million gallons raised one foot high, (dynamic) : \$0.48  $\frac{98}{100}$ .

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\*Leaving out extraordinary repairs on pump, which properly ought to be charged over a period of six years, the amounts would be; No. 11, \$10.01; No. 12, \$0.10  $\frac{1}{100}$ .



## CONSUMPTION.

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1. Estimated total population at date: 7,400.
2.       “       population on lines of pipe at date: 6,200.
3.       “       “       supplied at date: 6,100.
4. Total number of gallons consumed for year: 214,477,051.
7. Average daily consumption: 589,822.
8. Gallons per day to each inhabitant (1): 80.
9.       “       “       “       consumer (3): 97.
10.       “       “       “       tap (Distribution, 22): 459.

## DISTRIBUTION.

MAINS.	SERVICES.
1. Kind of pipe used: wrought iron, cement-lined.	16. Kind of pipe: lead and cement-lined.
2. Sizes from 2-inch to 20-inch.	17. From $\frac{1}{2}$ inch to 1 inch.
3. Extended 10,486 feet.	18. Extended 840 feet.
5. Total now in use: $23\frac{1}{2}$ miles.	20. Total now in use: 5 miles.
6. Cost of repairs per mile: \$10.	21. Service taps added: 42.
7. *No. of leaks per mile: 1.61.	22. Number now in use: 1,284.
8. Small distribution pipes, less than four inches: total length, $7\frac{2}{3}$ miles.	23. Average length of service: 20 feet.
9. Hydrants added: 1.	24. Average cost of service: \$4.89.
10. Number now in use: 67 public and 8 private.	27. Motors and elevators added: 1
11. Stop gates added: 17.	28. Number now in use: 2.
12. Number now in use: 182.	
13. Small stop gates—less than 4 inches: total, 89.	
14. No. of blow-off gates: 15.	

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\*A large number of the leaks was caused by pipe settling in a swampy place.



# REPORT OF THE COLLECTOR OF WATER RATES.

To balances from 1885 brought forward—

Rates .....	\$123 45	
Labor and material. ....	34 89	
Rates charged in 1886 .....	14,391 98	
Labor and material in 1886 .....	1,143 70	
Water for miscellaneous purposes. ...	130 77	
	<hr/>	\$15,824 79

By amounts paid Town Treasurer, viz. :

Water rates collected .....	\$14,200 41	
Labor and material collected .....	1,022 47	
Miscellaneous water ‘ .....	130 77	
	<hr/>	15,353 65
By abatements.....	335 29	
“ water rates uncollected .....	110 50	
“ labor and materials uncollected. ...	25 35	
	<hr/>	\$15,824 79

Water is now supplied to 1413 families, 342 water-closets, 94 bath tubs, 111 stables, 92 horses, 77 cows, 118 hogs and for 118 miscellaneous purposes.

Very respectfully,

W. T. HOLLIS,

*Collector of Water Rates.*

Plymouth, January 1, 1887.

### PUMPING WORKS.

The Pump and Engine showing need of repairs, the works were stopped about two weeks; meanwhile all worn and defective parts of the machinery were repaired, or made new, at an expense of \$402.36. All the machinery appears to be working well.

September 1st, Mr. H. F. Gibbs resigned the position he had very satisfactorily filled as Engineer at the Pump Station, for a more lucrative situation. The vacancy was filled by the appointment of Mr. W. A. H. Jones.

Abstracts of the reports of the Superintendent, Engineer and Collector are joined to this report.

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### WATER SUPPLY.

Plans have been considered by the Water Commissioners for providing a better supply of water.

A report was made and published in the *Old Colony Memorial*, April 19, 1886, of which the following is a copy:

“The Town having laid pipes from Little South Pond to higher ground than the water will flow by gravity and having put in pumping machinery to increase the natural head, is irrevocably committed to a continued supply to these higher parts, and there is probably no question in the mind of any inhabitant that this supply is decidedly imperfect, as the water takers on any land higher than about one hundred feet above the level of the sea get water during the day only, and then an insufficient quantity. The question then for the decision of the Town is how to rearrange our Water Works at the smallest expense, so that all parts of the Town will have a good and sufficient supply of water. There are two ways proposed, differing radically from each other, to accomplish this object. One is by supplying all the lower parts of the Town by gravity and pumping water only to the higher parts; the other is a continuation of pumping all the water and adding a high service reservoir.

The woolen mill uses about one-third of the whole present supply of water, the lower parts of the centre of the Town one-third, and the north and south ends, together with the higher parts in the centre of the Town, one-third. The woolen mill and the lower parts of the centre of the Town could be satisfactorily supplied from Little South Pond by gravity, leaving the north and south ends and the higher parts of the centre of the Town to be supplied by pumping. To accomplish this in a perfect manner the following pipes would have to be laid and changes made:—

A new fourteen-inch main pipe from Little South Pond to the junction of High and Summer Streets, there to be connected with the eight-inch main pipe on Summer Street and the ten-inch main pipe on High Street, a branch of which goes to the reservoir on Prospect Street. The parts of the Town to be supplied with water by this low service direct from Little South Pond would be Summer Street below High, Market, Main, Water Street north of Town Brook, Court Street as far north as and including Lothrop Street, and the territory between these streets and the harbor. It would also supply the woolen mill, the depot, the watering cart and all other consumption in the central part of the Town except that of the higher lands.

On some hill on the line of the main pipe (150) one hundred and fifty feet or more above the level of the sea, construct a high service reservoir of 700,000 to 1,000,000 gallons capacity, with which connect the present ten-inch main pipe and supply the reservoir by the present pump taking the water by the ten-inch main from Little South Pond, holding Lout Pond in reserve for emergencies. The reservoir would thus be connected with the present ten-inch main ending at the junction of Summer and High Streets. Continue the ten-inch main by a new pipe down Summer Street to the top of Spring Hill or down Mill Lane, and there connect with the pipe that leads to the south part of the Town, which would thus be supplied with high service. The six-inch pipe in Oak Street would be already connected with the high service supply, and would convey water to the north part of the Town. Going back to Summer Street at High Street, from the high service pipe, lay a six-inch pipe through High and Russell Streets as far as the jail, with connections at Sever and Prospect Streets, to join the pipe from Oak Street at Samoset Street. At the junction of Samoset and Allerton Streets, join to the high service pipe a six-inch pipe to run through Allerton

Street past the Pilgrim Monument to Court Street, there to connect with the four-inch pipe that leads to the north part of the Town.

High Street, Vernon Street, Davis Street, Cushman Street, and all other high lands are to be connected with the high service.

The high service reservoir being connected directly with the two ends of the town, would give a much better supply of water at the ends of the service than could be supplied if the whole town were connected with the high service reservoir. Gates would be arranged between the high and low service pipes, so as to connect them at any time, and make the supply all high service or all low service. A one-million gallon reservoir would supply the high service about one week, which would give time to make all ordinary repairs to pump or boilers. In case of a longer delay in running the pump, the two pipes from Little South Pond, having a capacity of three times the present supply, would give a better head over all the Town than there was before the pump was put in. In case the new pipe from the pond should need repairs, all the demands of the Town could be supplied from the high service by pumping day and night, if necessary, during the time required for repairs. No water would be taken from Lout Pond, as long as the pipe connecting Little South Pond with the pump and the fourteen-inch pipe running to the Town, should remain in good condition. The smaller the reservoir, if it is large enough to fairly cover ordinary contingencies, the better will be the water, for it will come more directly from the pond.

With the double service, the pressure of the pond would keep up the level of the water in the reservoir at Prospect Street, which would keep up the head on the central part of the town. The woolen mill would get its supply of water from the Prospect Street reservoir, as at present.

We estimate the cost of completing the system of supply by the high and low service to be as follows :

A fourteen-inch cement pipe from Little South Pond to the junction of Summer and High Streets, 14,800 feet at \$1.60,		\$23,680 00
On Summer Street, from High to Market Street, 1100 feet ten-inch pipe at \$1.20,		1,320 00
From Summer Street through High and Russell Streets to the jail, 1400 feet six-inch pipe at 80 cents,		1,120 00
On Allerton Street, from Russell Street, to connect with the present pipes, 300 feet four-inch pipe at 60 cents,		180 00

Connecting Russell and South Russell Streets, 200 feet four-inch pipe at 60 cents,	120 00
From Sever to Allerton Street, 300 feet three-inch pipe at 50 cents,	150 00
From Samoset Street through Allerton to Court Street, 2100 feet six-inch pipe at 80 cents,	1,680 00
Connecting with the twenty-inch pipe at the pond,	100 00
Twenty gates, boxes and covers,	650 00
Stops and connecting with service pipes,	200 00
	<hr/>
	\$29,200 00
A reservoir to hold 1,000,000 gallons	7,500 00
	<hr/>
	\$36,700 00
Engineering, superintendence and contingent,	3,300 00
	<hr/>
	.\$40,000 00

To hire this sum of money at 4 per cent. interest would cost per year the sum of \$1600.

With the system changed as outlined above, our works might reasonably be considered as completed for any period of time to which it is our duty to look forward.

*The other plan* is to build a reservoir on some spot 150 feet or more above the level of the sea, and connect it with the present main pipe, and pump all the water used in the Town into the pipe and reservoir. To hold enough water to supply the Town a week, the reservoir would need to have a capacity of 3,000,000 gallons, and could be constructed at an estimated cost of \$15,000.

If this plan should be adopted, all the water, instead of one-third, would have to be pumped. The extra pumping expenses for pumping this two-thirds of the water, are estimated as follows :

Fuel,	\$650 00
Value of engineer's services,	250 00
Wear and tear of pumps and boilers,	100 00
	<hr/>
Annual extra running expenses,	\$1,000 00
Add interest on the cost of reservoir, \$15,000, at 4 per cent.,	600 00
	<hr/>

And we have an annual outlay of \$1,600 00  
which is to be compared with the previous estimate of \$1600. So  
that by our estimates it will cost the town annually as large a sum  
to build a three million gallon reservoir and pump all the water and



have only the present pipe, as it will cost to build a one million gallon reservoir and put in a complete double service of three times the capacity of the present pipe.

But if all the water for the future supply of the Town is to be pumped, another pump should be put in immediately, for if the one pump should be disabled and the woolen mill continue to use water, not more than one-half to two-thirds of the present takers would get water in the day time and many would be entirely without it. The only effect a high service reservoir would have on the present supply would be that the head would be kept up during the night, the supply during the day would be no better than can be obtained from the works as they are now.

This is due to the loss of head by friction. We are now forcing through one ten-inch main, 50,000 to 60,000 gallons per hour during a part of the year when it is not really fitted to carry more than 30,000 gallons per hour. The loss of head by friction in a fourteen-inch pipe conveying 50,000 to 60,000 gallons per hour would be about twenty feet less per mile than in a ten inch-pipe.

Thus it will readily be seen that if the present system is to be continued a new main pipe must be laid from the pump to the new reservoir and from the new reservoir to the Town at once. If the consumption should increase in any degree, as it certainly would if the head were kept up during the night, and the regular increase of consumption for the last few years continue, a new main pipe would have to be laid soon from the pond to the pump station.

To give a proper supply of water at the north and south ends of the service larger pipes would need to be laid in place of the four-inch pipes leading to those parts or small reservoirs built there to receive water from the central reservoir at night.

The cost of these changes estimated on the same basis as the other would be as follows :

14,800 feet of fourteen-inch pipe from the pond to High	
Street,	\$23,680 00
A new pump,	7,000 00
Two new reservoirs,	6,000 00
Engineering and contingent expenses,	3,320 00
	<hr/>
	\$40,000 00

Four per cent. of this sum, or \$1600 represents what it would cost the Town annually to carry on this completed system of water supply over and above what it would cost annually to carry on a completed high and low service system.



We believe that by continuing the present means of supply that there is a risk of being deprived of water which it is not prudent for the Town to take.

We therefore recommend to the Town the adoption of the high and low service system as above outlined, believing that it will give a satisfactory supply and be by far the most economical course that can be taken.

Plymouth, April 27th, 1886.

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At a meeting of the Board of Water Commissioners held this evening the above report was approved and ordered printed.

H. P. BAILEY, Secretary.

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Since the above report was made the Town instructed the Water Commissioners to build a reservoir of one million to two million gallons capacity, and to extend the water pipes to Battles' Corner, Chiltonville. 7353 feet 4-inch pipe was laid at Chiltonville, at cost of \$4,047.42.

Land was bought in the rear of the Pump Station and a reservoir of about one and a half million gallons is being built at a height of 165 feet above sea level.

The expenditures on account of new reservoir have been \$5,254.20.

Before proceeding to build the reservoir the Commissioners consulted Walter H. Sears, Civil Engineer, on the question of a better water supply. His report, printed below, approves, in the main, the above recommendations of the Commissioners. Mr. Sears' services were engaged in locating and constructing the reservoir.

The Commissioners now recommend the Town to lay pipes this year to complete the double system of water supply as

outlined in this report, and to use the new reservoir in connection with the high service. This would require an expenditure estimated at thirty thousand dollars, in addition to the estimated expense of finishing the reservoir of four thousand dollars. It is hoped that the reservoir will be finished in July.

SAMUEL H. DOTEN,	}	<i>Water Commissioners.</i>
NATHANIEL MORTON,		
H. P. BAILEY,		
E. F. SHERMAN,		
CHARLES S. DAVIS,	}	

Plymouth, Mass, January 1, 1887.

## REPORT OF WALTER H. SEARS, C. E.

MR. SAMUEL H. DOTEN, CHAIRMAN OF BOARD OF WATER COMMISSIONERS, PLYMOUTH, MASS.

*Dear Sir:*—At the request of your Board I have examined the present condition of the Plymouth Water Works, and have carefully read the various Annual Reports of the Water Board from year to year, as well as that of April 27th, of this year. In the last report two plans are outlined for the improvement of the present supply of water, and placing it on a secure and permanent basis, and upon these plans I report as follows:

The necessity for an additional main from Little South Pond to some point in the Town appears evident in either scheme.

The present pipe is of such size, ten inches in diameter, that in order to deliver the quantity of water required, the pump has to exert a suction and pressure combined of seventy to ninety and at times of one hundred and thirty feet, in order to gain the benefit of about thirty feet above the gravity pressure in Town. This condition of things is expensive, as regards consumption of fuel, for the result obtained, and would be remedied by putting in a new and larger main from the pond.

The fourteen-inch main, which you have proposed, will give double the quantity of water which will flow through a ten-inch main under similar conditions. At a velocity of flow of two feet per second, which is generally considered as great as is advantageous, a ten-inch pipe will deliver about 500 gallons per minute; a fourteen-inch pipe about 1000 gallons, and a sixteen-inch pipe about 1250 gallons. The present ten-inch pipe is being forced to deliver, on an average, 548,000 gallons in twelve hours, or about 760 gallons per minute. This pipe, together with a fourteen-inch pipe, would deliver, at the rate of two feet per second, as above, about 1500

gallons per minute, or about twice the quantity now supplied to the Town; the ten-inch and a sixteen-inch pipe would, together, deliver 1750 gallons, or two and one-third times as much.

In making any change for improvement it would seem wise to plan for at least double the present consumption, supposing the source capable of giving such a supply, and the ten-inch and fourteen-inch pipes, together, would accomplish this; but it is a question whether it is not better to exceed this rather than come so near the limit set, and a further consideration on the part of the Commissioners, of the relative advantages of the two sizes, is suggested; particularly the expediency of laying the sixteen-inch main from the pond as far as the pumping station.

The question of supplementing the supply by laying a pipe from Great South Pond to some point of the distribution in Chiltonville was considered and the route was examined. This plan presents some favorable aspects, particularly that of giving, practically, two independent sources of supply, but the system of distribution, as now laid would require such extensive changes, the pipes in that locality and leading thereto being so small, that its full benefits could not be obtained without greater expense than would seem to be warranted.

The requirements of the present situation, in case all the water is to be pumped, are stated in full in the report of April 27th alluded to.

A reservoir of three million gallons would give about five days' supply at little more than present rates of consumption. This would probably be sufficient to carry the consumption over any emergency that might arise, since it would be possible still to supply a portion of the Town by gravity. The new main would be as necessary in this case as in any other. A new pumping engine should be provided, although it might be possible to put in a less expensive pump for reserve, as is done, for instance, at Watertown, Mass. The expense of pumping would be continually increasing; the salary of the engineer would soon have to be raised, or an assistant employed and wear and tear would be increased, and it would still be true that two-thirds of all the water pumped could flow to the consumers by its own gravity.

In order to make the comparison between the quantity of water to be pumped in the high service plan and that of pumping it all, as at present, the books of the Water Registrar were canvassed and the

estimate given in the report of April 27th, was substantially confirmed. The woolen mill and other manufactories using, or having the right to use, rather more than one-third, leaving about two-thirds for the domestic consumption, and, as the high and low service areas are outlined in that report, the number of families is about equally divided between the two, or one-third of the present supply to each. Thus it would seem that the proposed provision for pumping one-third of the present supply, or say 200,000 gallons per day would be sufficient for the high service, leaving the other two-thirds to flow by its own gravity. A reservoir of one million gallons would give the same security for the service that one of three million gallons would give in case the whole supply was pumped. In this connection it may be said that when the pipe is laid with this purpose in view, through Whiting Street, in front of the new grammar school-house, thus providing a new route for the high service to the south part of the Town, a very considerable portion of the territory south of Town Brook could be placed on the low service.

From data above and that furnished by the printed reports of the Commissioners, it is found that the Town uses about 230 gallons of water per day, per family, exclusive of manufacturing purposes, and the present system of the pipes at the north and south ends of the Town, with the exception of certain two-inch pipes, would be capable of supplying this amount for domestic service to twice the present number of water takers. For any sudden or large demand, however, as for fire service, many of the pipes are quite inadequate.

In conclusion it may be said that the plan of a double or high and low service, as presented in your report, would seem to be at once the most feasible and economical for the Town to adopt. For this purpose the present pumping facilities are ample for many years; the pump and boilers can be run in the most economical and advantageous manner. The time of running will be reduced to two or perhaps three days per week, giving opportunity for necessary inspection and care of machinery. The ten-inch main will also be equal to the demands upon it for a long time to come for this purpose, and from being under an intermittent pressure as at present it will again be placed under a constant head, and its life will probably be greatly prolonged. It may be interesting to note that in the six years that the pump has been in use there have

been twenty-one leaks in the main pipe, while not one occurred during the four years previous. Under this plan, also, a great portion of the present distribution will again come under the conditions for which it was originally planned, that is, the gravity system, the best and most economical of all systems of water supply.

Very respectfully,

WALTER H. SEARS, Civil Engineer,  
35 Congress Street, Boston.

June 21, 1886.



## WATER COMMISSIONERS.

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SAMUEL H. DOTEN—Term expires March, 1887.

HORACE P. BAILEY—Term expires March, 1887.

NATHANIEL MORTON—Term expires March, 1888.

EVERETT F. SHERMAN—Term expires March, 1888.

CHARLES S. DAVIS—Term expires March, 1889.

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SUPERINTENDENT—Richard W. Bagnell.

WATER REGISTRAR—William T. Hollis.

CHIEF ENGINEER AT PUMPING STATION—W. A. H. Jones.

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Superintendent's office in rear of Engine House, Main Street.

Rates payable at Town Treasurer's office, semi-annually, in advance, May 1 and November 1.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at Town House.

## REPORT OF THE SUPERINTENDENT.

OFFICE OF PLYMOUTH WATER WORKS,

January 12, 1887.

TO THE BOARD OF WATER COMMISSIONERS :

GENTLEMEN :

In compliance with my duty, I hereby submit my Thirteenth Annual Report of the Plymouth Water Works.

### CONSTRUCTION ACCOUNT.

There has been laid during the year 1886, the following amount of water pipes :

NO. OF FEET.	SIZE.	COST.	WHERE LAID.
706	4 inch,	{ \$582 23	Plymouth Cordage Co., three 2-inch and one 4-inch, gates included.
175	2 "		
371	4 "		
472	4 "	203 45	Warren Street.
121	4 "	270 50	Allerton Street.
121	4 "	97 00	Vernon Street.
538	4 "	299 76	Whiting Street, also 325 ft. relaid.
7,353	4 "	4,047 42	Chiltonville.
117	10 "	226 65	New Reservoir.
274	6 "	209 86	Allerton Street.
34	2 "	36 98	J. R. Atwood's Wharf.
10,161		\$5,973 85	

### SERVICE PIPE.

42 service pipes, measuring 1,284 feet, attached to the main and distribution pipes, have been laid at a cost of \$205.61. The street length of all distribution pipes is 25,680 feet.

Five leaks have occurred the past year in service pipes. Cost of repairs, \$13.86.

In three cases galvanized pipe has been replaced by lead.

*STREET MAINS.*

All street mains are in good order and condition. The cost of all repairs and removal of obstructions on main and distributing pipes, has been \$231.91.

Leaks and obstructions have occurred as follows :

Number.	Size of Pipe.	Cost.
9	10	\$64 04
1	8	11 50
5	6	48 35
11	4	55 87
12	2	52 15
<hr/>		<hr/>
38		\$231 91

The cause of leaks in the 10 inch main was from the settling of the swamp on the Thomas Farm, breaking the joints, and where the pipe was lapped and laid without sleeves, this being the case in every instance but one, and that a small rust hole, about two thousand feet above the pump station.

*GATES.*

Seventeen new gates, from 2 to 10 inch, have been set on the various extensions, their cost having been included in the cost of extensions, one of these, a 4 inch, was set at the junction of Leydon and Water Streets, at a cost of \$23.07.

All street gates have at this time been inspected, and are in perfect order.

*RESERVOIR.*

The Reservoir remains in its usual condition. I would renew my recommendation of last year, that the embankments and slopes be covered with soil and sowed with clover and grass seed the coming Spring.

*BOXES.*

Twenty-six service boxes and three gate boxes have been replaced by new ones, at a cost of \$3705.

*NEW TAKERS.*

There have been added to the water takers this year, 42 families, 30 water closets, 9 bathing tubs, 8 stables, 1 urinal, 1 summer-house and 1 6-horse power boiler.

*LABOR.*

Whole amount expended for labor during the year..	\$3,649 17
Amount paid for labor on extensions ...	2,413 36
Amount paid for all other labor.....	1,235 81
	<hr/> \$3,649 17
Amount received for labor trenching....	\$516 90
Amount received for shutting off services	71 50
	<hr/> \$588 40
Total cost of labor during the year, less refunded...	\$3,060 77

*SCHEDULE*

Showing the number of feet of each size pipe, and the number and size of stop gates on the Works, December 31, 1886.

SIZE IN INCHES.	LENGTH OF PIPE IN FEET.	NO. OF STOP GATES.
20	56	
12	64	2
10	18,479	9
8	4,616	8
6	9,189	11
4	51,889	63
3	9,279	12
2	29,568	70
1	1,490	7
	<hr/> Total number feet of pipe, 124,630	<hr/> Total number of gates, 182

The street length of service pipes being 25,680 feet, with the main and distribution pipes, make a total of 150,310 feet of pipe, or 28 miles and 2,470 feet.

# STOCK REPORT.

## Stock and Tools on Hand.

### SHOP.

129 bbls. cement at \$1.30 per bbl .....	\$167 70
433 feet of 2 inch pipe at 14 cents per foot .....	60 62
336 " " 3 " " " 16 " " " .....	53 76
511 " " 4 " " " 21 " " " .....	107 31
180 " " 6 " " " 35 " " " .....	63 00
84 " " 8 " " " 55 " " " .....	46 20
117 " " 10 " " " 64 " " " .....	74 88
56 " " 12 " " " 82 " " " .....	45 92
Tools .....	275 00
Duck .....	18 00
White lead .....	3 00
Stove .....	20 00
Iron box covers .....	19 00
One 2-inch gate, 5.75, one 4-inch gate, 10.40.....	16 55
Packing, 3.00, lock sleeves, 5.45.....	8 45
	<hr/>
	\$979 39

### OFFICE FURNITURE.

Table, 1.50, nine chairs, 18.00, stove, 15.00 ...	\$34 50
Chest of drawers, 8.00, safe, 25.00 ...	33 00
Two guages, 13.00, clock, .50 .....	13 50
	<hr/>
	81 00
	<hr/>
	\$1,060 39

LOCATION AND SIZE OF MAIN AND DISTRIBUTING PIPE LAID TO DEC. 31, 1886.

Location, Street.	Diameter of Pipe.	Between what Streets or Place.
Atlantic,	2 inch.	Between Court Street and end of pipe,
Allerton,	6 "	Court and land of E. F. Sherman.
"	3 "	" Samoset and Cushman Street.
"	2 "	" Cushman and house of John Burtch.
"	1 "	" House of John Burtch and house of R. Douglas,
"	3 "	" Samoset and house of E. S. Dimond, Jr.,
"	4 "	" Vernon and house of Chas. T. Holmes, 2d.,
"	2 "	" Russell and house of N. C. Lannan,
Alley,	2 "	" Middle and Carver,
Allen Court,	1 "	" South Street and end of pipe.
Bourne,	3 "	" Court and Plymouth Cordage Company's block,
Bartlett,	2 "	" High and Russell,
Bradford,	2 "	" Sandwich and Emerald.
"	2 "	" Union and house of Timothy Hartnett,
Brewster.	4 "	" Court and Water connected with 16 feet on Water Street,
Court.	8 "	" Main and Samoset,
"	6 "	" Samoset and house of Wm. Goodwin,
"	4 "	" House of Wm. Goodwin and Kingston line,
Cherry,	4 "	" Court and land of Plymouth Cordage Company,
Centennial,	3 "	" Court and land of Chas. G. Davis.
Cushman,	4 "	" Court and house of J. Mixter.



Cushman,	2	inch.	Between J. Mixer's house and Allerton Street,
Chestnut,	2	"	" Davis and Samoset Street,
Chilton,	2	"	" Court and house of B. L. Bramhall,
"	3	"	From B. L. Bramhall's 322 feet,
"	4	"	{ From end 3 inch pipe to Water Street,
	4	"	{ and connected with 16 feet of pipe on Water Street,
Carver,	2	"	Between North and Leyden.
Church,	2	"	From Town Square,
Cross Road,	3	"	Between South and Stafford, from south to R. E. Caswell's house
Cliff Road,	4	"	" Warren and Sandwich road,
Chiltonville,	4	"	South District road to house of Mrs. Richard Harlow,
"	4	"	Terry's Corner and store of Plymouth Woolen and Cotton Factory,
Davis,	2	"	Between Allerton and Vine Hill Cemetery,
Emerald,	2	"	" Water and Bradford Street,
Edes,	2	"	" Russell and house of J. C. Barnes,
Franklin,	4	"	" Pleasant and Mayflower,
Fremont,	4	"	" Sandwich and Union,
"	3	"	" Union and Charles Burton's
"	2	"	From end of 3 inch to C. B. Rice's
Force pipe,	12	"	Between main line and pump.
Hall,	2	"	From Court Street.
Highland Place,	2	"	Between Davis Street and house of Adam Nicol,
Howland,	4	"	" Court and Charles Phinney's house,
High,	4	"	" Market and Russell Street,
Lothrop,	2	"	" Court and Murray Street,
"	3	"	" Murray and Woolen Mill Village,
Leyden,	4	"	" Main and Water Street,
Main line,	20	"	From filter to cone,
"	10	"	Between cone and Summer,

Location Street.	Diameter of Pipe.	Between what Streets or Place,
Market,	8 inch.	Between Sandwich and Main Street,
Main,	"	Leyden and Court,
Murray,	2 "	Lothrop and residence of John Murray,
"	3 "	Residence of John Murray and land of Timothy Lynch,
Middle,	4 "	Main and Carver Street,
Mayflower,	4 "	Robinson and Washington Street
"	2 "	Washington and house of Thomas Pierce,
"	3 "	end of 2 inch pipe and South Street.
Massasoit,	2 "	Mayflower and Sagamore,
Mount Pleasant,	1½ "	Sandwich and house of William Nightingale,
"	4 "	end of 1½ inch pipe and house of C. H. Eaton,
Morton place,	1 "	Pleasant and stable of E. F. Erland,
Nelson,	4 "	Court Street.
North Depot Ave.,	6 "	Between Court and R. R. Station.
North,	4 "	Court and Water Street.
Oak,	6 "	Summer and Samoset.
Pleasant,	6 "	Sandwich and Franklin Street.
"	4 "	Franklin and Washington Street,
"	2 "	Washington and South Street.
Russell,	10 "	Summer and Court
Robinson,	10 "	Russell and the Reservoir,
"	2 "	Pleasant and Sagamore,
"	4 "	Sagamore and Mayflower Street,
Summer,	10 "	Billington and intersection of High Street.
"	8 "	High and Market Street,
Spooner,	3 "	From Court,
Samoset,	4 "	Between Court and house of Silas D. Brown,
"	6 "	end of 4 inch pipe and Oak Street.

Samoset,	4	inch.	Between Chestnut and house of William B. Taylor,
"	4	"	From house of William B. Taylor 174 feet,
"	3	"	end of 4 inch pipe to house of Peter M. Nelson,
Summer,	"	"	Billington Street through land of H. I. Seymore to house of E. S. Paulding,
"	4	"	"
"	2	"	" main pipe to Oak Grove Cemetery,
South Russell,	2	"	Between School Street and house of William Thomas,
School,	4	"	" Market and South Russell Street,
Stafford,	3	"	" Mayflower and house of Emanuel Fratus,
"	4	"	" end of 3 inch and land of Samuel Barnes,
Spring,	2	"	" Summer and High Street,
"	4	"	" Summer Street and Samuel Loring's factory,
Sandwich,	6	"	" Pleasant and South Green Street,
"	4	"	" South Green Street and Wellingsley Corners,
South Green,	2	"	" Sandwich and Pleasant Street,
Sagamore,	2	"	" Robinson and Massasoit. From Robinson about 100 feet,
"	2	"	" Massasoit to Jefferson Street. From Massasoit about 150 feet,
South,	2	"	" Sandwich and house of J. F. Towns, (Clark house)
"	3	"	" end 2 inch pipe and land of E. F. Sherman,
"	3	"	" Branch to tenement house of Thomas Caswell,
Sandwich Road,	4	"	" Sandwich and house of Mrs. Nathaniel Bartlett,
"	2	"	" end 4 inch pipe and house William Beckman,
"	2	"	" Cliff Road and house J. F. Howland,
"	2	"	" Cliff Road and South District Road,
South District Road,	3	"	" Warren Street and stable of Reuben Leach,
"	2	"	" end of 3 inch pipe and house of Ellis Whiting,
"	4	"	" end of 2 inch pipe and house of Mrs. Jerusha Doten,
Suction pipe,	12	"	" main line and pump,
South Depot Ave.,	2	"	" North Ave., and South Ave., and up to block of C. G. Davis,

Location. Street.	Diameter of Pipe, inch.	Between what Streets or Place.	
		Between Russell and house of R. Bramhall,	Court and Wadsworth's lane.
Sever,	2 "	"	Court and factory Plymouth Cordage Company,
Seaside,	4 "	"	Court and Cordage Company boarding house,
"	2 "	"	Water and house of R. Swinburn,
Union,	2 "	"	house of R. Swinburn and hydrant,
"	4 "	"	hydrant and house of Mrs. McGlue,
"	2 "	"	Mrs. McGlue's house and Fremont Street.
"	3 "	"	Court and house of Myles S. Weston,
Vernon,	2 "	"	house of Myles S. Weston and Allerton Street,
"	4 "	"	Allerton and house of Thaddeus Faunce,
"	2 "	"	house of Thaddeus Faunce and Highland Place,
"	4 "	"	North and Leyden Street,
Water,	4 "	"	Sandwich and Town Brook,
"	2 "	"	North and Brewster Street,
Winslow,	2 "	"	From Summer Street.
Willard Place,	2 "	"	Between Pleasant and Mayflower Street,
Washington,	2 "	"	South and Mount Pleasant Street.
Whiting,	4 "	"	Sandwich and house of Thomas Bartlett,
Winter,	2 "	"	house of Thomas Bartlett and house of Lucy M. Holmes,
"	1 "	"	Sandwich and Clifford House stable
Warren,	4 "	"	Sandwich Street to Helen Morton's stable,
Wharf,	2 "	From	H. Morton's stable to head of Morton's Wharf.
"	1 "	"	Water Street to Jesse Atwood's Wharf, 34 feet.
"	2 "	"	

Yours respectfully,

R. W. BAGNELL,

Superintendent.

## REPORT OF THE OVERSEERS OF THE POOR.

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The undersigned, Overseers of the Poor, submit the following report :

The inmates of the Almshouse have been well cared for, and made comfortable.

The calls for aid have been in excess of last year, and that, with the expense incurred in increasing our steam-heating apparatus, which we found it necessary to do, and repairs that were actually needed, in that part of the house occupied by the Superintendent, has been the cause of exceeding our appropriation.

Balance undrawn, January 1, 1886 .....	\$378 78
The Town raised for support of the poor the past year .....	6,500 00
Received from other towns and other sources .....	1,389 22
Received from Murdock Fund .....	18 25
	<hr/>
	8,286 25
Overdrawn .....	416 77
	<hr/>
	\$8,703 02
Amount expended .....	\$8,703 02

### *INSANE POOR.*

Amount expended .....	\$2,699 85
Amount overdrawn, January 1, 1886 .....	\$102 46
Amount appropriated for insane poor .....	1,725 00
Amount reimbursed .....	841 39
	<hr/>
	2,668 85
	<hr/>
Overdrawn .....	\$31 00

*POOR AT ALMSHOUSE.*

Number of inmates, January 1, 1886 . . . . .	15
“ admitted during the year . . . . .	9
“ discharged during the year . . . . .	9
“ died during the year . . . . .	1
“ remaining January 1, 1887 . . . . .	14

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*INSANE POOR.*

Number at the hospitals, January 1, 1886 . . . . .	11
“ admitted during the year . . . . .	5
“ discharged during the year . . . . .	1
“ died during the year . . . . .	0
“ remaining January 1, 1887 . . . . .	15

The roof of the old part of the Almshouse needs to be slated, as the shingles on it are very poor, and dangerous in regard to fire, as it caught on fire twice from sparks that came from the Summer Street fire the past Winter, and we would recommend that an appropriation of \$7,000 be made, which we think will be sufficient for the support of the poor for the year, and the slating of the roof. We would also recommend for support of insane poor, \$2,000.

GEORGE H. JACKSON,	} Overseers of Poor.
JOHN CHURCHILL,	
CHARLES P. HATCH,	



## REPORT OF THE BOARD OF HEALTH FOR THE YEAR 1886.

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The usual regulations were adopted by the Board and duly published in the *Old Colony Memorial* and *Free Press*. An agent was appointed in the Spring who was instructed to examine all privies, drains, cesspools, vaults and cellars in the thickly settled parts of the town and report their condition to the Board. On his complaint, and that of others, one hundred and thirty notices were issued to householders to abate presumed nuisances on their premises, and these notices were, with few exceptions, promptly attended to. In a few instances second notices were sent and all requirements were finally satisfactorily met.

The sewage system of the town has been examined by the Board with some care, and where positive nuisances existed, through want of connection with it, radical action has been taken and the needed extension secured. The Board of Health for the year 1878, consisting of Arthur Lord, William P. Stoddard, J. B. Brewster, F. N. Knapp and C. H. Howland, to whose intelligent and well-directed services the town is indebted for the dissemination among its people of a knowledge of what is needed to secure and preserve its freedom from preventable diseases, invited the State Board of Health to examine Shaw's Brook, crossing Court Street south of Samoset Street, which had become a receptacle for the drains and water closets of the

houses in its immediate neighborhood. The brook was subsequently examined by Charles F. Folsom, the Secretary of the State Board, who, in an official letter, advised either the construction of an adequate sewer, or an abatement of the nuisance by forbidding any further deposit of sewage in its bed. During the last year the Plymouth Board, finding it difficult to deal with the still unabated nuisance under any authority afforded them by law, adopted the simple method of procuring the signatures of the abutters to an agreement that the Board might construct a sewer, with all needed connections, and apportion among them the expense. Under this agreement a sewer was constructed and paid for, and the nuisance which has so long existed has been satisfactorily disposed of.

In consequence of complaints concerning the district east of the Winslow House, and north of North Street, stimulated by the occurrence of several cases of scarlet fever in its immediate vicinity, the Board pursued the same course there, and secured the construction of a suitable sewer to meet the wants of the Winslow House, the houses in Jackson Place, the tenements in the rear of North Street, and such houses on the northerly side of North Street itself, as might find it impracticable to enter the North Street sewer. This sewer, under an arrangement with Dr. Brewster, crosses his land and enters the sewer in Brewster Street, which has an outlet on the shore.

During the year another sewer has been laid, though not under the direction of the Board, from the house of James D. Thurber on Court Street, to Cushman Street, and through the latter street to Allerton Street, having, under an arrangement with Roswell S. Douglass, its outlet through the Woolen Mill sewer at the shore.

Still another short sewer has been laid in Court Street, leading from the house of Leavitt T. Robbins, now building at the corner of Samoset Street, to Shaw's Brook, already mentioned

In 1879 the town voted at its annual meeting to appropriate the sum of \$350, to be expended under the direction of a committee to be appointed by the moderator, in obtaining an accurate survey and plan for future extension of sewerage facilities. Under the direction of this committee, consisting of Arthur Lord, J. B. Brewster, Charles O. Churchill, William P. Stoddard and Charles H. Howland, Mr. L. F. Rice, a thoroughly competent engineer, was employed, who, after an exhaustive examination of the requirements of the town, made a comprehensive report, accompanied by plans and specifications, which was published in the *Old Colony Memorial*. The Board are not aware that any action has been taken by the Town on this report. The plan of Mr. Rice included the following streets:

Court, from the house of William Gooding to North Street.

Lothrop.

Cushman.

Allerton, from a point 150 feet north of Cushman, to Russell Street.

Samoset, from Allerton to Court Street.

Railroad Avenue.

Vernon Street, from Allerton to Court Street.

Russell.

South Russell.

Sever.

Chilton Street, before its extension.

Howland.

Stoddard Place.

Bartlett Place.

High.

Ring Lane.

Spring.

Market.

Mill Lane.

School.

Summer, from Oak to Market Street.

Leyden.

Town Square.

Main.

North, to outer end of Long wharf.

Middle.

Carver.

Water, from North Street to Sandwich Street.

Winslow, 187 feet.

Water Cure.

Sandwich, from Market Street to Fremont Street.

Bradford.

South Green.

North Green.

Pleasant, from Market Street to South Street.

Robinson, from Mayflower to Pleasant Street.

Mayflower, from Robinson to Washington Street.

South, from Sandwich Street 370 feet.

Fremont, and across private land, Barnes Lane and Bradford Street to Water Cure Street.

Massasoit.

Sagamore.

Jefferson.

Franklin.

Washington.

The system proposed by Mr. Rice covers a distance of 30,077 feet, and was estimated by him to cost, with all necessary man holes, lamp holes, street basins, and three properly constructed outlets, to wit: at the railroad station, the foot of Howland Street, and at Long Wharf, \$37,181.71. It will be noticed, however, that this system extends no farther south than Fremont Street. Its extension to Hobs Hole Brook, with branches in Mt. Pleasant and Winter Streets, would add about 2000 feet to the distance, and about \$2,000 to the cost, making the entire

cost about \$39,000. It is probable, however, that with the omission of such features as a system adapted to the requirements and means of such a town as Plymouth would not necessarily demand, this estimate might be reduced to \$30,000.

There have been already constructed the following sewers, most of which have been adopted by the Selectmen in behalf of the town, and have become a part of the town system.

On Court Street, from the house of James D. Thurber to Cushman Street.

On Cushman, through its whole length.

Samoset Street and Railroad Avenue, from Samoset House to the shore.

In Shaw's Brook, from Allerton Street to the shore.

On Court Street, from the house of L. T. Robbins to Shaw's brook.

From the houses of Mrs. T. Hedge, Dr. Jackson and William H. Nelson to the shore.

From the House of Correction, through Court and Howland Streets to the shore.

Through Chilton Street to the shore.

Through Brewster Street to the shore.

On Court Street, near South Russell Street, to North Street.

Through North Street to the shore.

Through Main Street, from North to house of Dr. Hubbard.

Through Town Square and Leyden Street to the shore.

Through Le Baron's Alley to Leyden Street.

Through Winslow Street in part.

On Market, from Town Square to the Mill pond.

On High, from Spring Street to Market Street.

On Summer, from the Davie house to Market.

On Pleasant, from house of E. C. Chandler to Mill pond.

On Robinson, from Mayflower to Pleasant Street.

On Mayflower, from the top of the hill to Robinson Street.

On Sandwich, from the Carver house to the Mill pond.



On Sandwich, north of Mt. Pleasant Street, through private land to the shore.

These sewers, estimated at about 10,000 feet in length, or one-third of the required system, would leave about \$20,000 as the probable cost of its completion. No one will deny that it is desirable that within the shortest practicable period this system should be constructed. A good sewage system is the corollary of a water system, and in every town possessing a system of water supply, a method should be adopted for the purpose of getting rid of it, or sooner or later a high rate of mortality must be the result. Six hundred thousand gallons of water are poured into Plymouth daily. Of this amount, two hundred thousand gallons are supplied to the woolen mill and find their way easily into the harbor, leaving four hundred thousand gallons to be accounted for. What becomes of this large amount may be approximately estimated by the examination of a few statistics obtained by the Board. Out of 1,413 takers of water, only 158 deliver their excrementitious matter into the sewers, and 218 their sink water. It is fair to estimate that at least two-thirds of four hundred thousand gallons, or two hundred and sixty-six thousand gallons, are poured into the ground each day through the medium of cess-pools or vaults, gradually saturating it, until in time they will become generators of discomfort and disease. The statistics obtained by the Board are confined to the district lying between Cold Spring and Hobs Hole Brook, and extending as far west as the cemetery. They will be found in a tabulated form together with some statistics relating to preventable diseases, near the end of this report. The Board recommend, as a necessary step towards the completion of the proposed sewage system, that the selectmen be instructed to contribute a third, or a quarter, or some other portion of the cost of the construction of sewers hereafter laid in accordance with the plans of Mr. Rice, and within the limits of his system extended to Hobs Hole Brook.



The Board call the attention of the town to the fact that at present there are fifteen sewer outlets on the shore between Lothrop Street at the north, and Fremont Street at the south. Whether injurious to health or not, they are unpleasant neighbors, and the air from the sea, with which in the heat of the Summer we greedily fill our lungs, is tainted by their noxious breath. It seems to have been a folly to prevent the location of the Standard Fertilizer Company on Plymouth Beach, a mile and a half away, while we tolerate the existence of so many plague spots at our very doors. The Board recommend, as a second step towards the completion of the sewage system, that a committee be appointed to report, at an early day, plans and specifications and estimates for the construction of an intercepting sewer along the harbor front, with a main outlet extending under Long Wharf and emptying into the channel. The Board further recommend that the selectmen be instructed to provide existing street entrances to the sewers with catch-basins, and plank partitions and hanging traps, which, while admitting surface water, shall effectually keep back the sewer smell.

There are a few suggestions made by Mr. Rice, which the Board think it desirable to repeat in this report. House connections should be constructed of a six-inch pipe, with a fall of one foot in fifty, and furnished with traps. Neither soil nor water pipes should be built in the partitions. From the lower end of the soil pipe there should be a communication with the open air, and the pipe should be extended up through the roof, terminating in either a goose neck or a ventilator. If householders will observe these rules, they will be spared much inconvenience, and finally, serious sickness. It is a common impression that water in water-closets and traps under set basins and bath tubs will insure safety, but no greater error can be entertained. They may keep back odor, but they cannot keep back gas, and it is the inodorous gas which causes

disease. Between Cold Spring and Hobs Hole Brook, there are 436 drains which empty into closed vaults, and 15 houses where water-closets do the same. In these vaults noxious gas forms, and demands and obtains an outlet. Without suitable ventilation, bath rooms and sleeping and living rooms become their certain receptacles. The householder who relies on an old well, or a cesspool, for the deposits from his water-closet and sink, invites disease, and may be sure, sooner or later, of the acceptance of his invitation.

The health of the town, judged by its bills of mortality, has been good. During the last twelve years the number of deaths in each year has been as follows :

1875	92	$14\frac{1}{2}$ in 1,000	1881	122	$17\frac{1}{2}$ in 1,000
1876	173	28 "	1882	115	$16\frac{1}{2}$ "
1877	118	$18\frac{1}{2}$ "	1883	107	$15\frac{1}{2}$ "
1878	124	$19\frac{1}{2}$ "	1884	124	18 "
1879	118	$18\frac{1}{2}$ "	1885	126	$17\frac{1}{3}$ "
1880	139	$19\frac{1}{2}$ "	1886	121	17 "

In this table a population of 6,370 is used from 1875 to 1879 ; of 7,093 from 1880 to 1884, and of 7,239 from 1885 to 1886, according to the census of 1875, 1880 and 1885.

The last report of the State Board of Health gives the death rate in 1885 in nineteen cities, nearly all of which are enjoying complete sewage systems, as follows :

Boston,	24.09 in 1,000.	Worcester,	17.38 in 1,000.
Lowell,	18.45 "	Cambridge,	20.57 "
Fall River,	19.55 "	Lynn,	16.68 "
Lawrence,	15.16 "	New Belfast,	23.68 "
Somerville,	16.68 "	Salem,	19.21 "
Springfield,	18.24 "	Holyoke,	19.14 "
Chelsea,	19.49 "	Taunton,	17.87 "
Gloucester,	16.73 "	Haverhill,	18.37 "
Newton,	13.79 "	Waltham,	16.19 "
Malden,	15.27 "		

In 12 of these the rate was higher than that of Plymouth, while the average of the whole was 18.24 in 1,000, against a rate of 17.33 in Plymouth.

The following table will show the number of deaths since 1875, inclusive, from the two preventable diseases, diphtheria and typhoid fever, and from consumption :

	Diphtheria.	Typhoid Fever.	Consumption.
1875	2	4	13
1876	28	2	23
1877	18	0	19
1878	0	1	15
1879	8	1	20
1880	5	0	20
1881	4	4	10
1882	2	6	16
1883	1	1	15
1884	1	3	12
1885	0	1	15
1886	7	1	15

The number of cases of diphtheria, typhoid fever and scarlet fever reported to the Board during the year, was as follows :

Typhoid Fever.	Diphtheria.	Scarlet Fever.
3	22	55

The three cases of typhoid fever were on Court Street and its outlets. Of the 22 cases of diphtheria, seven were north of Cold Spring, four between Cold Spring and Town Brook, nine between Town Brook and Hobs Hole Brook, and two south of Hobs Hole Brook. Of the 55 cases of scarlet fever, 10 were north of Cold Spring, 14 were between Cold Spring and Town Brook, 19 between Town Brook and Hobs Hole Brook, and 12 south of Hobs Hole Brook. The table of statistics already referred to is here given, and if repeated from year to year with a classification and localization of deaths from preventable diseases, it is quite possible that the greatest number of preventable diseases will be found to occur where cesspools are used instead of sewers.

Number of tenements east of the Cemetery, between Cold Spring and Hobs Hole Brook.....	729
Number of tenements between Cold Spring and Town Brook .....	480
Number of privies in the same district .....	290
Number of tenements in the same district depositing excrementitious matter into sewers ...	136
Number depositing into cesspools and vaults .....	15
Number depositing sink water into vaults.....	255
Number depositing sink water into sewers .....	218
Number depositing sink water on the surface .....	14
Number of tenements between Town Brook and Hobs Hole Brook ...	233
Number of privies in the same district ..	225
Number of tenements in same district depositing excrementitious matter into sewers .....	22
Number in the same district depositing sink water into vaults....	181
Number depositing sink water on the surface..	14

Before closing this report, the Board wish to call the attention of the Town to the increasing number of cottages on the shores of the ponds furnishing the water supply, and to the propriety of taking some action to prevent pollution. Section 98 of Chapter 80, of the Public Statutes, provides that the State Board of Health shall have the general supervision of all streams and ponds used by a city or town, as sources of water supply, with reference to their purity, and that upon the application of a city or town to the Board, alleging the pollution of its water supply, the Board shall give notice and grant a hearing, and upon proof of such pollution, issue an order to prevent the same. It is recommended, that the Water Commissioners be instructed to apply to the State Board in behalf of the town, in order that it may be ascertained whether

such pollution is going on, and if so, that it may be effectually stopped.

In conclusion, the Board suggest a few simple and approved rules.

1. In the thickly settled parts of the town no pump nor well-water should be used for drinking and cooking, under any circumstances. The ground has become spongy, and lost its filtering power. In the thickly settled parts such water must be avoided, if the pump or well is in close proximity to cesspools, vaults, barn-yards, pigstyes, or other contaminating influences.

2. If a case of typhoid fever or diphtheria should occur in a family where a privy is used, the deposits should be disinfected daily by the free use of chloride of lime, diluted with nine parts of plaster of paris. Loamy or clayey earth is a fair substitute, but sand should be avoided, as it is not a disinfectant.

3. If a vault or cesspool or old well be used for the deposit of either excrementitious matter or sink water, it should be ventilated at once, either by a chimney projecting through the ground, or by the extension of the soil pipe through the roof.

4. Milk used in the family should come from a dairy where it is certain that no human excrementitious matter is deposited within leaching distance of any stream, or spring, or brook, from which the cows drink.

5. Clothing may be disinfected by a four hours' immersion in a two per cent. solution of carbolic acid.

6. A sick room after death may be disinfected by fumigation with sulphur in such manner as the attending physician shall prescribe.

Respectfully submitted,

JAMES B. COLLINGWOOD.  
E. D. HILL.  
CLARK FINNEY, JR.  
CHARLES H. HOLMES.  
WILLIAM T. DAVIS.

PLYMOUTH, Feb. 19, 1887.



## FIRE DEPARTMENT.

### BOARD OF ENGINEERS.

H. P. BAILEY, <i>Chief.</i>	
P. S. BURGESS, <i>Clerk,</i>	
W. E. CHURCHILL,	}
A. E. DAVIS,	
W. E. BAKER,	
G. E. SAUNDERS,	
	<i>Assistants.</i>

TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN: The Board of Engineers respectfully present their annual report for the year ending December 31, 1886 :

#### *THE FORCE OF THE DEPARTMENT*

consists of a board of six Engineers and 128 men, organized as follows :

- Two steamer companies of 30 men each ;
- One hand engine company of 20 men ;
- One hook and ladder carriage, 16 men ;
- One chemical engine, 8 men ;
- Four independent hose carriages, 6 men each.

#### *APPARATUS.*

The apparatus of the Department consists of

- Two steam fire engines ;
  - One hand fire engine ;
  - One hook and ladder carriage ;
  - One chemical engine ;
  - Four independent hose carriages.
- All the above in good working order.



*HOSE.*

We have in the Department at the present time about 5,000 feet of cotton rubber-lined hose, all or nearly all in good order.

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*BUILDINGS.*

All the buildings in the Department are now in good order, all having been painted the past year.

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*HYDRANTS.*

Two new post hydrants have been purchased and located the past year, making in all 64 belonging to the town. All in good working order, all having been tested in November last.

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*RESERVOIRS.*

The five reservoirs belonging to the town are in good condition, except the one in Shirley Square, which has been leaking badly the last two months and will need repairing soon.

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*FIRES.*

The Department have responded to five alarms the past year as follows :

February 12, 8 o'clock P. M., barn belonging to William Stewart. Total loss ; no insurance. Loss about \$200.

February 23, alarm at 6 P. M., small shed in rear of shoe factory. Loss, \$50.

July 20, small building on New Water Street owned by Barnes, Craig & Shannon, occupied by Moor & Swift. Loss on building and stock, \$1,300 ; partly covered by insurance.

July 25, alarm at 1.40 A. M., for small fire on Main Street, in building owned by Edward Barnes and others, occupied by P.

T. Denny, tailor. Damage slight. Cause, breaking lamp.

December 17, alarm at 1.40 P. M., for fire at Plymouth Woolen Mills, caused by wool in contact with steampipe in wool-dryer. Damage, \$1,000; insured.

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### FINANCE.

#### CR.

Balance from last year .....	\$209 44
By appropriation .....	4,000 00
	<hr/>
	\$4,209 44

#### DR.

To expenditures, 1886.....	3,560 00
	<hr/>
Undrawn balance.....	\$649 44

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### APPROPRIATION.

It is estimated that an appropriation of \$2,400 will meet the expenses of the Department the coming year, and is recommended.

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### NEW APPARATUS.

A chemical engine has been purchased the past year for the Department, at a cost of \$550, and a company of eight young men organized to operate it, and it has worked very satisfactory on several occasions. We think it a very valuable addition to the apparatus of the Department.

*RECOMMENDATION.*

The Board of Engineers desire to call the attention of the Selectmen to the necessity of a better system of alarm in case of fire, as it has been proven that the present system is not satisfactory.

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*CONCLUSION.*

In conclusion, we would say that the firemen of this Department have responded promptly and worked efficiently at every fire to which they have been called, and are, we think, entitled to the thanks of the citizens whose property has been in danger of destruction. The Board of Engineers desire to thank the members of the Department for their promptness and good deportment at all times, and to the citizens, who have kindly assisted us in any way, we tender our thanks.

For the Board of Engineers,

H. P. BAILEY, *Chief.*

## Plymouth Water Scrip Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH :

■ GENTLEMEN: We respectfully submit the following statement of the condition of the Sinking Fund of the Plymouth Water Scrip :

Amount received from Town Treasurer.....	\$4,076 93
\$2,000 Bonds of Central Massachusetts Railroad Co., received of Trustees of Duxbury & Cohasset Railroad Sinking Fund, at its market value at the time.....	261 60
Income received on same.....	1,060 15
	\$5,398 68

The amount is invested in—

Bond of Chicago & Eastern Illinois Railroad, 6 per cent. (\$1,000).....	\$990 00
Bond of Oregon Short Line Railroad, 6 per cent. (\$1,000).....	1,021 25
Four shares Globe National Bank, Boston.....	392 00
Six “ Tremont National Bank, Boston.....	639 00
Ten “ Blackstone National Bank, Boston....	1,046 25
Three “ Market National Bank, Boston.....	300 00
Six “ Webster National Bank, Boston.....	625 50
Twenty-one four-fifths shares Central Massachusetts Railroad Co. (preferred).....	261 60
Deposit in Plymouth Savings Bank.....	123 08
	\$5,398 68

WILLIAM H. NELSON, }  
GEORGE G. DYER, } *Trustees.*

Plymouth, February 1, 1887.

## TOWN CLERK'S REPORT.

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### *MARRIAGES REGISTERED IN PLYMOUTH IN 1886.*

- Jan. 1. William B. Blackmer of Plymouth and Susan E. Bailey of Melrose.
- Jan. 13. Ichabod Morton, Jr., and Annie P. Brown, both of Plymouth.
- Jan. 31. John Smith of Plymouth and Annie Looney of Boston. Married in Boston.
- Feb. 14. George H. Holmes of Duxbury and Rosa C. Eldridge of Kingston.
- Feb. 22. Theodore A. Stegmaier and Mary A. O'Brien, both of Plymouth.
- Feb. 27. Frederick Klaus and Alice T. Bedingfield, both of Plymouth.
- March 2. William O. Lapham of Plymouth and Annie E. Sharon of Melrose.
- March 6. Charles E. Kimball of Worcester and Lillian W. Swift of Plymouth. Married in Bourne.
- March 9. Frank W. Gale and Emma M. A. Henry, both of Concord.
- March 13. Robert Richardson and Elizabeth Griswold, both of Plymouth.
- April 29. John Washington and Mary E. Johnson, both of Boston.
- May 1. Joseph O. Hall of Boston and Annie May Rogers of Plymouth.

- May 1. George W. Griswold and Mary L. Holmes, both of Plymouth.
- May 10. James T. McCorison of Boston and Minnie A. Joyce of Plymouth.
- May 12. Arthur B. Wall and Clara W. Bennett, both of Plymouth.
- May 13. John K. Alexander and Sarah A. Bradford, both of Plymouth.
- May 24. John White and Rose Commas, both of Plymouth.
- May 27. Gideon E. Cash and Sophia Nickerson, both of Plymouth.
- May 29. William H. Barrows of Plymouth and Mabel A. Clark of Rockland. Married in South Weymouth.
- May 29. Frank Henderson and Julia A. Callahan, both of Plymouth.
- June 1. Frederick A. Cahoon of Falmouth and Hattie W. Stone of Plymouth.
- June 3. Dennis H. Keefe of New York and Ellen O'Halloran of Plymouth.
- June 5. Joseph Metz and Mary Smith, both of Plymouth.
- June 6. Francis K. Bartlett and Alma C. Johnson, both of Plymouth.
- June 15. Allen L. Raymond and Jennie Loomis, both of Plymouth.
- June 19. Charles Wiegel and Lena Klaus, both of Plymouth.
- June 23. William O'Donnell and Bridget Slattery, both of Plymouth.
- June 30. Charles S. Davis and Lydia Russell, both of Plymouth.
- July 3. Nathaniel P. Remick and Kittie M. Schollard, both of Plymouth.
- July 5. Nathaniel M. Davis and Frances M. Robbins, both of Plymouth.



- July 12. S. Mendall Briggs of Plymouth and A. Jennie Carter of Greenfield.
- July 20. Balthasar A. Lang of Plymouth and Kate L. Hendricks of Boston. Married in Boston.
- July 24. Robert McDonald and Anna McDougall, both of Plymouth.
- July 25. Harrison C. Beckman and Rebecca S. Doten both of Plymouth.
- July 27. Sebastian Reidle, Jr., and Maria Kugan, both of Plymouth.
- Aug. 8. Henry L. Cahoon of Plymouth and Hannah L. Weeks of Marion. Married in Mattapoisett.
- Aug. 17. Michael Clough and Mary Ann McDermot, both of Plymouth.
- Aug. 18. William F. Morey and Harriet W. Lawrence, both of Plymouth.
- Aug. 20. Frederick K. Nickerson and Corinna D. Flintoft, both of Plymouth.
- Aug. 25. Daniel E. Coffey and Mary F. Glavin, both of Plymouth. Married in Hillsdale, N. H.
- Aug. 31. William T. Pierce and Mattie Q. Sampson, both of Plymouth.
- Sept. 5. Timothy F. Crowley of Plymouth and Florence A. Hazel of Concord. Married in Concord.
- Sept. 5. William M. Mayers and Carrie Benson, both of Plymouth.
- Sept. 11. Nathaniel C. Sampson and Estella F. Swift, both of Plymouth.
- Sept. 11. Archie H. Doten and Rosa Leland Vaughn, both of Plymouth. Married in Duxbury.
- Sept. 14. Arthur T. Byrnes of Plymouth and Emma R. Pierpoint of Somerville. Married in Somerville.

- Sept. 18. Herbert N. Barrows of Plymouth and Mary E. Burgess of New London, Conn. Married in New London.
- Sept. 19. Frank B. Freeman of Plymouth and Rhoda R. Crapo of Carver. Married in Middleboro.
- Sept. 26. Joseph J. Silvia and Philomena S. Laban, both of Plymouth.
- Sept. 29. John H. Burtch and Katie E. Diman, both of Plymouth.
- Oct. 6. Thomas Emerson and Mary Anderson, both of Plymouth.
- Oct. 16. Philip Basler and Rosie Metz, both of Plymouth.
- Oct. 18. Alexander Lamond of Plymouth and Maggie King of Brockton. Married in Kingston.
- Oct. 31.\* Charles W. Pierce and Annie M. Hart, both of Plymouth.
- Nov. 3. William Grantham and Isabel C. Bartlett, both of Plymouth.
- Nov. 7. Edgar W. Howland and Annie G. Atwood, both of Plymouth.
- Nov. 11. George E. Fuller and Mary E. Chase, both of Plymouth.
- Nov. 11. George W. Nightingale of Plymouth and Ellen F. Smith of Kingston.
- Nov. 17. William A. Morton and Nancy M. Sampson, both of Plymouth.
- Nov. 17. Thomas A. Holsgrove and Adelaide Henry, both of Plymouth. Married in Randolph.
- Nov. 21. Daniel W. Everson of Hanson and Florence E. Kilbrith of Pembroke.
- Nov. 21. George A. Leach and Amanda G. Atwell, both of Plymouth.
- Nov. 21. Herbert E. Richards of Carver and Villie Ozier of Gloucester.

- Nov. 24. James B. Carnes and Annie M. Popp, both of Plymouth.
- Nov. 24. Seth M. Folger of Nantucket and Clara M. Hadaway of Plymouth.
- Nov. 30. Frank A. Skinner and Judith C. Howland, both of Plymouth.
- Dec. 9. Charles A. Burdett and Mabel E. Hall, both of Plymouth. Married in Kingston.
- Dec. 11. Austin A. Sharpe and Minnie M. Fisher, both of Plymouth.
- Dec. 11. Sylvanus D. Sampson and Delia A. Standish, both of Plymouth.
- Dec. 16. Alfred W. Elson of Boston and Maud Spooner of Plymouth.
- Dec. 20. George B. Hathaway of New Bedford and Annie M. Robbins of Plymouth.
- Dec. 21. Frank B. Bearce of Abilene, Kansas, and Anna D. Faulkner of Plymouth.
- Dec. 25. Charles M. Sherman and Jessie Nickerson, both of Plymouth.
- Dec. 27. Abner L. Chase of Harwich and Vellie E. Rickard of Carver.
- Dec. 29. Walter B. Nye of Beaver Falls, Pa., and Caroline M. Etheridge of Duxbury.

## BIRTHS REGISTERED IN PLYMOUTH IN 1886.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1886.				
Jan. 13,	Harry Edward Schrieder,	Ulrick and Matilda,	Germany,	Galveston, Texas.
" 15,	James Matthew Ray,	Joseph and Mary Jane,	Scotland,	Cambridge.
" 19,	Thomas Walter Grady,	John and Julia,	Pinedale.	Marlboro.
" 20,	Alma Jane Clark,	Seth P. and Sarah Luella,	Plymouth,	Plymouth.
" 24,	Margaret Cheney Lord,	Arthur and Sarah S.,	Wisconsin,	Chicago, Ill.
" 24,	Alonzo Manter Ford,	Franklin P. and Cleora L.,	Pembroke,	West Bridgewater.
" 31,	Gordon Clark Douglass,	Roswell S. and Frances J.,	Lowell,	Brooklyn, N. Y.
Feb. 9,	Karl William Hill,	E. Dwight and Ida M.,	Biddeford, Me.,	Buxton, Me.
" 14,	Mary Jane Mahoney,	John J. and Mary F.,	Millbury,	Quincy.
" 18,	Anna Louisa Lapham,	Henry T. and Mary E.,	Plymouth,	Wilmington.
" 19,	Edward Henry Parrult,	Henry and Eliza,	Boston,	Canada.
" 19,	Arthur Eliab Nelson,	Walter H. and Clara H.,	Plymouth,	Plymouth.
" 21,	John William Babine,	John and Margaret,	Nova Scotia,	Nova Scotia.
" 21,	George Kostner,	Charles and Lizzie R.,	Great Barrington,	Plymouth.
" 22,	Frederick Johnson,	Peter and Augusta M.,	Sweden.	Sweden.
" 24,	Julia Keough,	Daniel and Kate,	Ireland,	Ireland.
" 24,	William Antoine Rose,	Antoine and Ida O.,	Germany.	Germany.
March 1,	Mabel Frances Raymond,	Otis H. and Almira D.,	Plymouth,	Plymouth.
" 2,	Harry Richard Nelson,	Peter and Jennie,	Sweden,	Sweden.
" 2,	Lillian Frances Christie,	Adelbert L. and Alice L.,	Nova Scotia,	Plymouth.
" 3,	Carrie Emma Miller,	Jacob and Elizabeth,	Germany.	Germany.
" 5,	Frank Allen Sampson,	Frank A. and Minnie L.,	Kingston,	Denmark.
" 6,	Lemuel Joseph Raymond,	William W. and Flora G.,	Plymouth,	A Cushnet.

March 12,	Herbert McMaster Carleton,	William D. and Ella C.,	Wells River, Vt.,	Bath, Me.
" 12,	Frederica Elizabeth Ellis,	Edward G. and Louisa,	Plymouth,	Plymouth.
" 13,	Theresa May Fetherstone,	John and Julia,	Ireland,	Ireland.
" 13,	Sarah Green Wall,	William H. W. and Emeline C.,	Plymouth,	Plymouth.
" 14,	— Swift,	William R. and Isabel H.,	Plymouth,	Plymouth.
" 22,	Ernest Linwood Carpenter,	Samuel and Sarah,	East Poland, Me.,	Oxford, Me.
" 24,	Amy Mary Charlotte Anderson,	August and Hattie S.,	Sweden,	Sweden.
" 24,	Mary Ann Kennedy,	Thomas J. and Mary F.,	Lowell,	Lowell.
" 26,	Charles W. Bumpus,	Charles E. and Abbie E.,	Carver,	Plymouth.
" 26,	Bertha Frances Chase,	Darius W. and Eliza,	Matapoisett.	Plymouth.
" 27,	George Herbert Roberts,	Frank W. and Sarah M.,	New Hampshire,	Rhode Island.
" 29,	Helen Fuller Proctor,	Robert J. and Nellie M.,	Halifax, N. S.,	Plymouth.
April 2,	Benjamin Holmes Hall,	Walter D. and Emma F.,	Plymouth,	Plymouth.
" 5,	John Atwood Richmond,	John A. and Isabella N.,	Plymouth,	Plymouth.
" 12,	Deborah Doten King,	Sylvanus W. and Deborah H.,	Plymouth,	Plymouth.
" 12,	Henry Weber,	Charles and Rosanna,	Germany,	France.
" 12,	Alton Foster Pratt,	Henry E. and Laura,	East Bridgewater.	Pembroke.
" 13,	Marion Leslie Morton,	William P. and Hattie C.,	Plymouth,	Plymouth.
" 13,	Helen May Dodge,	Henry and Minnie,	New York,	Plymouth.
" 14,	Helen Elizabeth Johnson,	Charles L. and Amelia,	Sweden,	Norway.
" 15,	Agnes Elizabeth Curley,	Martin and Mary Agnes,	Ireland,	Ireland.
" 18,	Katie May McKensie,	William R. and Katie A.,	Prince Edward's Is-	Cape Breton.
" 29,	Oscar Ellis Johnson,	Oscar E. and Maria E.,	Millford,	Watertown.
" 30,	Rose Cleveland Fenton,	James and Barbara,	Nova Scotia,	Nova Scotia.
May 3,	Edna Curtis Peterson,	Frank R. and Lucy T.,	Plymouth,	Plymouth.
" 7,	William Bernard Murray,	James H. and Annabell,	Plymouth,	Nova Scotia.
" 10,	Howard Abbot Frazier,	William A. and Lucy E.,	Raynham,	Marshfield.
" 10,	Charles Edward Bartlett,	Charles O. and Agnes G.,	Plymouth,	Nova Scotia.
" 13,	Sarah Mildred Valler,	Alexander R. and Hepsie,	Plymouth,	Nova Scotia.
" 13,	Cora B. Nightingale,	Albert and Lucretia,	Plymouth,	Plymouth.
" 13,	Michael Heath,	Michael and Josephine,	Plymouth,	Nova Scotia.
" 14,	Carrie Frances Gooding,	Benjamin W. and Lydia S.,	Plymouth,	Duxbury.
" 18,	Bessie Turner Caswell,	Rufus E. and Ida L.,	Plymouth,	East Wareham.
" 20,	Henrietta Mabel Fratus,	Catano and Mary,	Plymouth,	Portugal.
" 20,	Harold Sears,	Robert D. and Sarah W.,	Plymouth,	Plymouth.



*BIRTHS REGISTERED IN PLYMOUTH IN 1886—Continued.*

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
May 20,	Hattie Stephens Bagnell,	Allen and Mary E.,	Plymouth,	Plymouth.
" 21,	Percy Henry Marsh,	Oscar and Nancy W.,	Quincy,	Plymouth.
" 22,	Cynthia Jane Raymond,	James H. and Lucinda,	Plymouth,	Plymouth.
" 26,	Frederick James Horan,	John H. and Isabella,	Ireland,	Ireland.
" 30,	Warren Chandler Weeks,	John H. and Adthe C.,	East Boston,	Plymouth.
" 30,	Bernard Russell Andrews,	John E. and Lizzie C.,	Maine,	Plymouth.
June 1,	Franklin Hamilton Gilbert,	Walter L. and Josephine I.,	Dorchester,	Augusta, Ga.
" 7,	Blanche Hemans Fuller,	William W. and Ida M.,	Indiana,	Indiana.
" 7,	Charles H. Frink,	Charles H. and Emma L.,	Lempster, N. H.,	Plymouth.
" 10,	Girtie Stetson Brown,	Silas D. and Lydia S.,	Danbury, N. H.,	Plymouth.
" 12,	Isabel Paden Marks Voght,	Caspar H. and Emma J.,	Plymouth,	Germany.
" 12,	Josephine Frost Langford,	Zenas E. and Hannah W.,	West Yarmouth,	Plymouth.
" 13,	Willard Riley,	Frederick and Elvira,		Plymouth.
" 19,	Caroline Josephine Moning,	William and Caroline J.,	Plymouth.	Boston.
" 20,	Rose Whiting Howland,	Charles H. and Eunice B.,	Plymouth,	Plymouth.
" 21,*	Auriah Williams Savery,	Benjamin H. and Harriet,	Carver,	Plymouth.
" 22,	Horace Linwood Bailey,	Arthur L. and Mary F.,	Kingston,	Plymouth.
" 29,	Henry Emil Knoek,	Emil O. and Amelia C.,	Germany,	Germany.
July 3,	John Russell Harlow,	George and Martha W.,	Plymouth,	New London, Ct.
" 5,	John Klaus,	Frederick and Alice,	Germany,	England.
" 5,	Lester Holmes Porter,	George A. and Lillie G.,	Marshfield,	Marshfield.
" 9,	May Summer Bryant,	George A. and Mary A.,	Plymouth,	Plymouth.
" 10,	Aurelia Haskell,	James and Aurelia,	Fall River,	Plymouth.
" 10,	Barbara Theresa Miller,	Adam and Mary,	Germany,	Germany.
" 10,	Annie May Newhall,	John M. and Cordelia A.,	Plymouth,	Plymouth.
" 13,	Simon Francis Lavache,	Thomas and Emily,	Cape Breton,	Cape Breton.



July	17,	John William Grautham,	George and Christiana,	England,	Nova Scotia.
"	28,	William Henry Dunham,	William and Elizabeth A.,	Plymouth,	Lyun.
August 1,		Frederick William Dries,	Antoine and Paulina B.,	Germany,	
"	7,	Harold White Hallett,	Alvin S., Jr., and Hattie S.,	Hyannis,	Abington.
"	10,	Charles Augustus Forrest,	Arthur T. and Hattie,	Cape Breton.	Cape Breton.
"	12,	Florence Ethel Nickerson,	Nehemiah and Hattie N.,	Dennisport.	Harwich.
"	13,	Rachel Temple Morrison,	James and Rachel,	Nova Scotia,	Haverhill.
"	13,	George Chester Collingwood,	William C. and Lizzie L.,	California,	Plymouth.
"	18,	Louisa Augusta Costa,	Louis and Mary,	Italy,	Italy.
"	19,	Mary Bertha Boudrot,	Mellen and Sabina,	Nova Scotia.	Nova Scotia.
"	24,	Percy Wentworth Gardner,	George W. and Deborah J.,	West Seituete,	Plymouth.
Sept.	1,	Oliver Barnes Lapham,	Oliver T. and Lizzie G.,	Wareham,	Melrose.
"	3,	— Chandler,	William C. and Ella M.,	Plymouth,	Plymouth.
"	4,	George Galler,	Nicholas and Annie,	Germany,	Germany.
"	6,	Mary Frances Reidel,	Sebastian and Maria,	Plymouth,	Ireland.
"	7,	Ruby May Courtney,	Frank J. and Dorcas,	Plymouth,	Nova Scotia.
"	8,	William Callahan,	Eugene and Ellen M.,	Ireland,	Ireland.
"	9,	Lena Galler,	John and Elizabeth,	Germany,	Germany.
"	10,	Minot Kingman Holmes,	Chandler and Elizabeth A.,	Plymouth,	Plymouth.
"	13,	Olive Whitney,	Frank J. and Laura,	Portland, Me.,	Indianapolis, Ia.
"	13,	Arthur Henry Picard,	John C. and Margaret,	Cape Breton.	Cape Breton.
"	15,	Henry Cavachi,	Celso and Adele,	Italy,	Italy.
"	21,	Mary Allen Cash,	John A. and Mary,	Yarmouth,	Ireland.
"	25,	Leon Henry Beyries,	Henry J. and Ida C.,	Plymouth.	Providence, R. I.
"	30,	Thomas Gilman Churchill,	Frederick L. and Mary N.,	Plymouth.	Plymouth.
Oct.	3,*	Sybil Lottie Pierce,	Charles A. and Laura,	Plymouth,	Rochester.
"	5,	Mildred Ethel Bailey,	Christopher T. and Henrietta A.,	Kingston,	Boston.
"	7,	Annie May O'Donnel,	Thomas H. and Annie M.,	Cambridge,	Milwaukee, Wis.
"	9,	Joseph Henry Shaw,	John J. and Edith L.,	East Bridgewater,	Warwick, R. I.
"	12,	Asa Hill Burgess,	Vinal F. and Caroline R.,	Plymouth,	Plymouth.
"	15,	Benjamin Ward Ellis,	Ziba R. and Helen F.,	Plymouth,	Carver.
"	16,	Mary Ann Heath,	John and Mary Ann,	Plymouth,	Nova Scotia.
"	18,	Harold Parker Bartlett,	George F. and Eunice,	Plymouth,	Plymouth.
"	18,	Henry Gray Whitmore,	Frederick H. and Fanny,	Plymouth,	Plymouth.
"	21,	Herbert Clark,	William H. and Lucy J.,	New Bedford,	Plymouth.

*BIRTHS REGISTERED IN PLYMOUTH IN 1886—Continued.*

DATE.	NAMES.	NAMES OF PARENTS.		BIRTHPLACE OF PARENTS.	
				FATHER.	MOTHER.
Oct. 22,	Martha Wilhelmina Coupe,	William and Mary E.,	England.	Plymouth.	Plymouth.
" 22,	William Henry Hemmerly,	Henry E. and Clara H.,	Plymouth,	Plymouth.	Plymouth.
" 24,	Hattie Marion Butters,	William R. and Ida E.,	Wilmington,	Wilmington,	Plymouth.
" 25,	Samuel Isaac Nickerson,	Joseph M. and Lottie E.,	Nova Scotia,	Nova Scotia,	Plymouth.
" 26,	George Henry Mahler,	Peter and Mary,	Plymouth,	Plymouth,	Plymouth.
" 28,	— Wood,	George W. and Gertrude,	Penbroke,	Penbroke,	Plymouth.
" 30,	Chester Ellis Rogers,	William E. and Hattie A.,	Plymouth,	Plymouth,	Vassalboro, Me.
Nov. 6,	Eleora Beatrice Sampson,	Henry H. and Camille I.,	Plymouth,	Plymouth,	Wareham.
" 9,	Mary Ella Horton Barnes,	Benjamin F. and Mary O.,	Plymouth,	Plymouth,	Dartmouth.
" 10,	Beatrice May Wright,	William H. and Mary R.,	Canada,	Canada,	East Bridgewater.
" 11,	Rose Mary Kearney,	Thomas and Nellie,	Ireland,	Ireland,	Worcester.
" 13,	Howard Prior Holmes.	George F. and Mary T.,	Plymouth,	Plymouth,	Plymouth.
" 17,	Otis Nelson Sears,	Frederick L. and Dora F.,	Plymouth.	Plymouth.	Boston.
" 18,	Mary Ann Gillespie,	William and Alice.	South Abington,	Weymouth.	Weymouth.
" 19,	Francis Bodell,	John and Mary A.,	Ireland,	Ireland.	Ireland.
" 20,	William Hall,	Henry and Sarah,	Canada,	Canada.	Canada.
" 22,	Arthur Reed.	William and Julia,	England,	England.	England.
" 26,	— Forstneyer.	Victor H. and Paulina,	Germany,	Germany,	Staten Island.
" 28,	Martin Clough,	Michael and Mary Ann,	Roxbury,	Saco, Me.	Saco, Me.
Dec. 2,	Leo Alpheus Pankhurst,	George A. and Marion,	Maine,	New Jersey.	New Jersey.
" 9,	Emily Russell Gray,	William H. and Matilda,	Richmond, Va.,	Norfolk, Va.	Norfolk, Va.
" 11,	Frank Gomez,	August and Mary A.,	Portugal,	Portugal.	Portugal.
" 11,	Helen Franklin Reviere,	Frederick A. and Ida M.,	Olio,	Plymouth.	Plymouth.
" 20,	Ellen Howard Sampson.	Stillman R. and Susan C.,	Plymouth.	Rochester.	Rochester.
" 22,	Albert A. Bumpus,	Andrew A. and Ruth D.,	Wareham.	Dennisport.	Dennisport.
" 23,	— Drew,	William H. and Mary C.,	Plymouth,	Plymouth,	Rehoboth.
" 23,	William Harrison Raymond,	Charles H. and Thebe J.,	Plymouth,	Plymouth,	Nova Scotia.

## DEATHS REGISTERED IN PLYMOUTH IN 1886.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
Jan. 1,	Robert Bruce Churchill,	44	6	23	Strangulated Hernia,	Barnabas and Eliza.
" 9,	Sarah R. Doten,	33	3	17	Scrofula,	Benjamin and Emily Cathcart.
" 9,	Fanny Hovey Cole,	76	9	—	Heart Disease.	Samuel and Olive Bartlett.
" 16,	Florence Evelyn Stranger,	—	4	20	Disease of Brain,	Elwin N. and Julia E.
" 16,	Josephine Labrache,	—	—	28	Disease of Liver,	Joseph and Catharine.
" 20,	George William Karle,	—	7	—	Oedema of Glottis.	Thomas and Mary M.
" 22,	Edgar F. Wade,	14	9	21	Scrofula,	Henry W. and Esther N. [cester.
" 23,	Bertha Aline Sibley	2	6	—	Diphtheria,	Edwin C. and Delia M. Died in Wor-
" 31,	Eliza Churchill,	72	10	25	Paralysis,	John and Abiah Eddy.
" 31,	Jacob Peck,	2	—	16	Malignant Scarlet Fever,	John and Margaret.
Feb. 1,	John Atwood,	81	3	22	Old Age,	John and Nancy.
" 3,	John Jacob Shaw.	1	7	27	Diphtheria,	Roland H. and Maria E.
" 14,	William Bartlett,	75	7	21	Heart Disease.	Robert and Mary.
" 23,	Sarah Elizabeth Wolf,	1	7	8	Blood Poisoning,	John and Nellie.
" 24,	Gilbert B. Spencer,	63	9	14	Cancer,	Alanson and Sarah.
" 24,	Levi K. Coonley,	73	7	13	Inflammation of Stomach,	
" 26,	Josephine Gillespie,	—	2	—	Convulsions,	Catherine. Died in Boston.
" 27,	Isaac S. Holmes,	72	8	21	Found dead in bed,	Samuel N. and Mary. [kinton.
" 27,	Roland Edwin Cotton.	84	1	23	Old Age,	Rossiter and Priscilla. Died in Hop-
March 4,	Alexander Tait,	5	4	26	Scarletina,	Matthew and Helen.
" 4,	Anna P. Thompson,	4	10	28	Rheumatic Periostritis,	Edward H. and Sarah F.
" 6,	John Merry,	34	1	8	Fracture of Spine,	John and Keziah.

## DEATHS REGISTERED IN PLYMOUTH IN 1886—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
March 7,	George G. Taylor,	74	5	—	Old Age and Bronchitis.	Jonas and Esther.
" 9,	Elizabeth Dittman,	47	11	20	Malignant Disease of Liver,	Peter and Catharine Schiel.
" 11,	Almira W. Sears,	63	5	15	Cancer of Stomach,	Nathaniel and Rebecca Hodges.
" 13,	Edward Clarence Moody,	61	1	22	Disease of Brain,	Nathaniel D. and Martha C.
" 15,	Frances M. Paty,	61	—	—	Cancer,	Thomas and Maria. Died in Boston.
" 16,	Eliphabet Holbrook.	55	2	10	Bright's Disease,	Gideon and Betsey. Died in Stow.
" 18,	Mabel Frances Wright,	—	5	18	Pneumonia,	W. H. and Mary A.
" 24,	Deborah Crocker,	76	—	7	Heart Failure,	Jotham and Deborah Goodnow.
" 24,	Annie Moning,	7	1	7	Scarlet Fever,	Caspar H. and Anne. Died in Boston.
" 24,	Henry Allen Bent.	—	9	22	Capillary Bronchitis,	Francis and Josephine F.
" 24,	Olive Louise Tourjee,	—	6	—	Heart Disease,	William and Emma.
" 24,	Matilda Jane Towns,	5	1	—	Scarletina and Diphtheria,	Joseph F. and Jane.
" 24,	Zilpah J. Graffam,	50	10	7	Typhoid Pneumonia,	Daniel and Zilpah Clayton.
" 26,	Hannah Holmes,	77	7	10	Old Age,	Thomas and Nancy Morton.
" 27,	Annie A. Holsgrove.	22	9	26	Bright's Disease.	Daniel and Rachel O'Brien.
" 28,	Maria Carter,	73	10	25	Disease of Heart,	David and Maria Banks.
" 30,	Robert E. Bramhall.	51	6	26	Phthisis,	Benjamin and Mary.
" 31,	Martha Allen Faunce,	—	4	23	Consumption,	William A. and Margaret C.
April 1,	Matilda Holmes,	76	7	6	Softening of Brain,	Joseph and Hannah Davie. [ton.
" 4,	Edith L. Thrasher,	6	3	9	Scarlet Fever,	Israel P. and Sarah J. Died in Brock-
" 5,	Henry Warren Hart,	51	—	17	Heart Disease,	Thomas and Sally. [ton.
" 6,	Eugene W. Thrasher,	1	3	16	Cerebral Spinal Meningitis,	Israel P. and Sarah J. Died in Brock-
" 7,	Maria Barry.	82	6	24	Typhoid Pneumonia,	John and Maria Allen. [Kingston.
" 10,	Mamie Bell Vaughn,	8	9	26	Diphtheria,	Edward N. and Carrie. Died in
" 11,	Maggie Kiagan,	36	—	—	Tumor of Neck,	Samuel and Elizabeth A. Hegan.
" 13,	Anna Cushman Whitten,	19	1	23	Consumption,	Abram and Ruth. Died in Dedham.

April 17,	Clarence M. Peters,	Recorded in Haverhill,	Oliver and Lydia. Died in Haverhill.
" 21,	Lucius Pratt,	Phthisis,	Lemuel and Hannah.
" 21,	John Allen Joyce,	Phthisis,	Eli and Nancy. [South Abington.
" 22,	George A. Faunce,	Recorded in South Abington,	George A. and Mary J. Died in
" 22,	Thomas H. Atwood,	Phthisis,	Thomas B. and Rebecca W.
" 23,	Rebecca Dunham,	Enteritis,	George and Esther Barnes.
" 26,	Beatrice May Wright,	Brain Disease,	William H. and Mary A.
" 27,	Nancy B. Robbins,	Heart Disease and Bronchitis,	John B. and Hannah Chandler.
" 30,	Sarah E. Paine,	Consumption,	James C. and Ruth H. Drew.
May 2,	Robert Pace,	Erysipelas,	Drew and Susan.
" 3,	Peter Schneider,	Consumption,	Peter and Lizzie.
" 7,	Ada A. Walker,	Consumption,	Allen and Altonera Chase.
" 11,	Leora R. Sampson,	Consumption,	Roscoe M. and Ellen J. Died in Man-
" 16,	Chester Cooper Wood,	Scarlet Fever,	George W. and Lizzie D. [Chester, N.H.
" 20,	Sabina N. Morton,	Recorded in Weymouth,	Gidcon and Ruth Ellis. Died in
" 22,	Frederick Mattern,	Paralysis,	[South Weymouth.
" 31,	Mary Parker Swift,	Scarlet Fever,	Thomas P. and Mary E.
June 2,	Frederica E. Ellis,	Convulsions,	Edward G. and Louisa.
" 3,	Hannah Atwood,	Old Age,	Isaiah and Hannah Thomas.
" 4,	George Simunous,	Pleuro Pneumonia,	George and Mercy.
" 4,	Herbert Weston Swift,	Scarlet Fever,	Thomas P. and Mary E.
" 12,	Amelia A. Briggs,	Marasmus,	Laban and Hannah Burt.
" 13,	Joanna M. Diman,	Bright's Disease,	Sylvanus and Elizabeth Churchill.
" 16,	William Morey,	Heart Disease,	Wm. and Susan S. Died in Jacobs-
" 25,	Lucy W. Holmes,	Scarlet Fever,	Charles H. and Emma F. [ville, Md.
" 26,	Hiram Ellis,	Gastritis and Nervous Exhaustion,	Thomas and Rebecca.
July 4,	Eleanor Leach,	Endocarditis,	David and Sally Churchill. Died in
" 8,	— Klaus,	Feeble from birth,	Frederick and Alice T. [Lynn.
" 9,	Luther Ripley,	Senile Debility,	Luther and Polly. Died at Staten
" 15,	Jonathan W. Brown,	Phthisis,	Abram and Sarah Ann. [Island.
" 16,	Mary E. Carpenter,	Heart Disease,	Thomas M. and Mary E.
" 24,	Lester Anderson,	Epilepsy,	William and Margaret.
" 25,	Hannah C. Finney,	Paralysis of Heart,	Ezra and Nancy.
" 25,	John W. Webster,	Pneumonia,	Died in Chelsea.
" 26,	Sarah Tinkham,	Cancer,	Theodore Lincoln. Died in Boston.



DEATHS REGISTERED IN PLYMOUTH IN 1886—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
July 29,	Mary F. Morrison,	—	8	27	Cholera Infantum,	Alexander and Margaret J.
August 3,	Francis Henri Weston,	79	—	29	Disease of Liver,	Coomer and Hannah.
" 6,	Teresa Rogan,	—	11	4	Cholera Infantum,	Joseph J. and Jennie. Died in Hol-
" 8,	Mercy F. Holmes,	34	—	11	Phthisis,	Edwin and Elizabeth Lewis.
" 12,	William Gilmore Morrison,	—	9	4	Cholera Infantum,	Simeon H. and Nancy W.
" 16,	Frank Edmund White,	—	11	13	Scrofula,	Peter and Gertrude.
" 17,	Louisa F. Knowles,	—	6	15	Cholera Infantum,	Frank and Anber G.
" 21,	Mary Boudrot,	—	7	—	Diarrhoea,	Benjamin and Mary A.
" 24,	Henry W. Green,	74	9	12	Malignant Ulceration of Blad-	William and Sophia.
" 24,	Barnabas Dunham,	86	7	11	Old Age,	Barnabas and Phebe.
" 27,	Alice H. Simpson,	—	4	14	Cholera Infantum,	Thomas and Mary A.
" 28,	Geo. Chester Collingwood,	—	—	15	Marasmus,	William C. and Elizabeth L.
" 29,	Bradford Lewis Battles,	74	5	25	Apoplexy,	John and Lydia.
Sept. 5,	Everett Sherman Allen,	—	7	3	Brain Trouble,	Edgar S. and Emma. Died in Brock-
" 7,	Martha Frances Weston,	2	—	8	Cholera Infantum,	Robert H. and Lucia R.
" 12,	Hannah Tillson,	65	3	11	Congestive Chill,	Ezra and Hannah Thomas.
" 13,	Mary Ellen Russell,	61	4	1	Heart Disease,	Thomas and Lydia C.
" 19,	Ella M. Chandler,	29	1	16	Bright's Disease,	Jas. B. and Marion W. Collingwood.
" 20,	Hattie Stevens Bagnell,	—	4	—	Marasmus,	Allen and Mary E.
" 20,	Christie Finney,	20	2	6	Phthisis Pulmonalis,	Robert and Isabel H.
" 26,	John A. Morrison,	—	9	24	Cholera Infantum,	Alexander and Margaret J.
" 28,	George A. Blackmer,	24	—	—	Typhoid Fever,	Sidney B. and Mercy A.
" 28,	William A. Faunce,	35	10	26	Laryngeal Phthisis,	William S. and Salina F.
" 29,*	Benjamin Pierce,	5	5	22	Diphtheria,	Ellis S. and Dora.
" 29,	Matthias Stegmaier,	62	2	4	Bright's Disease,	Matthias and Catharine.
Oct. 3,	Jane Holsgrove,	53	2	10	Cancer,	John and Elizabeth Cunningham.



Oct.	3,	Ralph Shaw,	—	1	13	Diarrhoea,	Eugene E. and Cordelia F.
"	4,	Jennie F. Simmons,	6	4	—	Diphtheria,	Robert L. and Rhoda E.
"	7,	Eleanor W. Bramhall,	80	—	5	Apoplexy,	Nathaniel W. and Mary Leonard.
"	9,	Gilbert Graham Crocker,	10	7	27	Retro-pharyngeal Abscess,	Seth S. and May E.
"	23,	Elisha M. Dunham,	53	4	20	Intestinal Catarrh,	Eben and Betsey. Died in Florida.
"	24,	Ellen Sullivan,	—	10	29	Paralysis of Heart,	Bartholomew and Annie S.
"	29,	Rebecca W. Collingwood,	70	11	—	Heart Disease,	Jonathan C. & Sarah Richardson. Died [in Boston.
"	31,	Daniel Soule,	67	1	23	Paralysis of Heart,	Daniel and Content.
"	31,	George A. Drew,	75	1	—	Apoplexy, [Croup,	George and Fanny. Died in Franklin.
Nov.	1,	Salina F. Faunce,	62	2	4	Diphtheria and Membranous	Edward and Salina Doten.
"	9,	Joseph Chester Mawbey,	5	1	19	Heart Disease,	William H. and Sophia P.
"	9,	Abbie E. Cole,	49	1	7	Recorded in Duxbury, [Croup,	Winslow and Lydia. Died in Marsh-
"	16,	Jane M. Bradley,	77	1	8	Diphtheria and Membranous	Died in Duxbury. [field.
"	18,	Arthur Finney Weston,	5	5	27	Plithisis,	Alfred P. and Mary E.
"	18,	William T. Rickard,	17	6	6	Inanition,	Warren and Maria A.
"	24,	Roxanna Howard,	62	4	4	Typhoid Fever,	Nahum and Dorcas Hatch.
"	26,	Isie V. Miett,	26	5	21	Heart Disease, [orrhage,	Francis H. and Pauline. Died in
"	29,	John Clark Peterson,	74	11	29	Hemiplegia from Cerebral Hem-	Charles and Thankful. [Taunton.
Dec.	2,	Lucy Ann Hall,	88	3	25	Heart Disease,	Asa and Lucy A. Joyce. Died in
"	8,	Laura W. Manter,	1	3	10	Bright's Disease,	William and Sarah. [Malden.
"	9,	Sarah Bumpus,	64	6	22	Congestion of Lungs,	Samuel and Polly Chamberlain.
"	10,	William McCarty, [about	65	—	—	Old Age and Bronchitis,	Corban and Phebe Barnes.
"	12,	Sarah Ellis,	83	2	4	Consumption,	Cyrenus and Ellen.
"	17,	Eunice Hirsch,	25	4	—	Cerebral Apoplexy,	George and Priscilla Raymond.
"	18,	Priscilla McLanethlin,	73	1	1	Phthisis Pulmonalis,	Charles and Caroline Wheeler.
"	21,	Eliza H. King,	30	7	29	Cancer,	Joshua and Hannah.
"	22,	Isaiah Francis Atwood,	42	—	—	Cancer of Stomach,	Zephaniah and Lucy Shaw.
"	23,	Augusta M. Morton,	54	9	22	Fracture of Hip Joint, [gitis.	Nathaniel and Polly.
"	24,	Sarah Bennett,	79	7	—	Chronic Pylitis and Pharyn-	Van B. and Hannah T.
"	27,	Carrie Carleton Holmes,	17	3	27		

## SUMMARY.

The following are the statistics of Births, Marriages and Deaths, registered in Plymouth for the year ending December 31, 1886 :

*BIRTHS.*

Number of births registered in 1886 .....	151
Males .....	82
Females.....	69

The parentage of the children are as follows :

Both parents born in United States .....	91
“       “       Germany.....	3
“       “       British Provinces.....	7
“       “       Ireland .....	6
“       “       Sweden .....	3
“       “       Italy.....	2
“       “       Portugal.....	1
“       “       England .....	1
Mixed, one parent American .....	23
Mixed, other nationalities.....	4
Unknown .....	5

*MARRIAGES.*

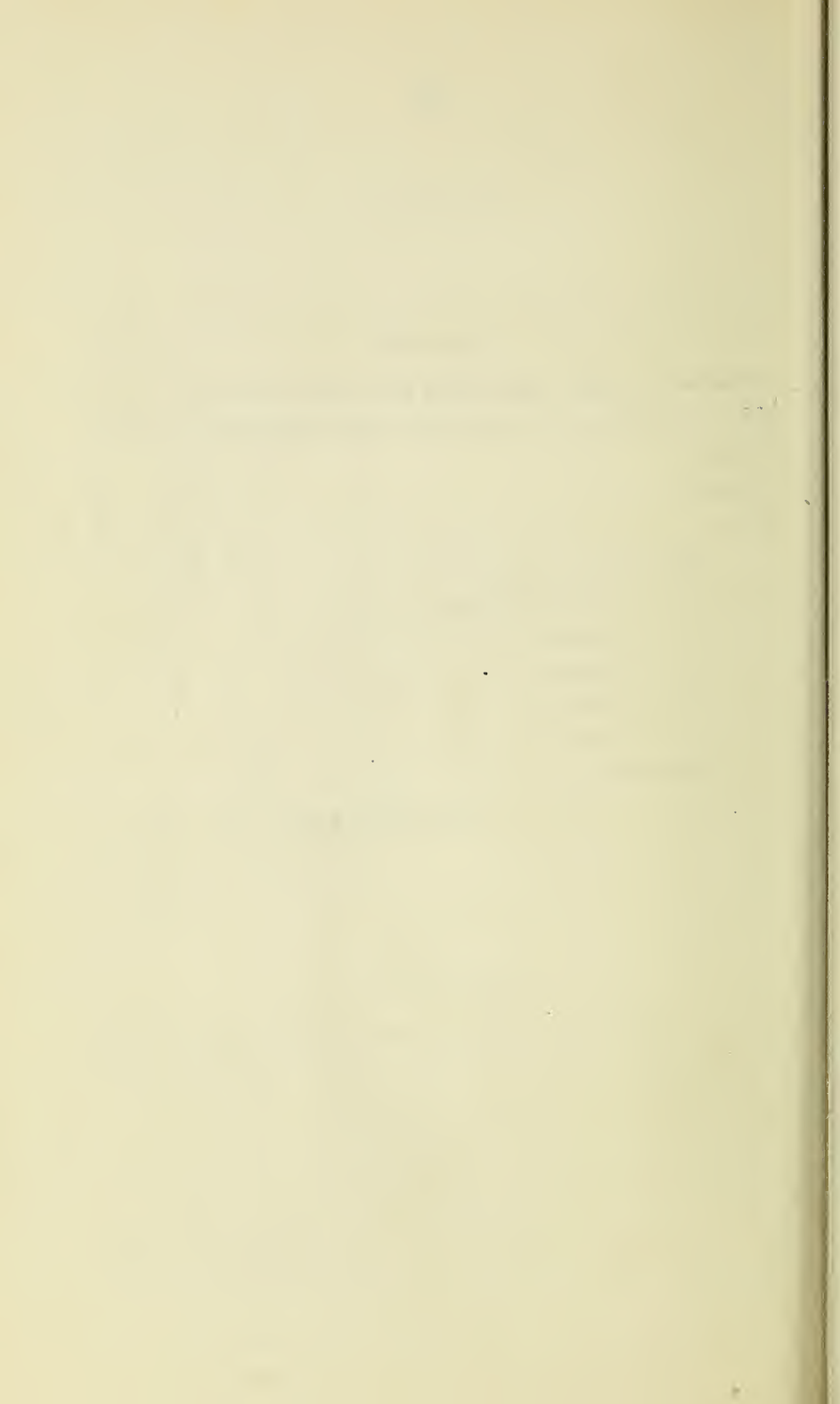
Number of marriages registered in 1886 ...	75
Both parties born in United States .....	52
“       “       Germany.....	3
“       “       British Provinces.....	1
“       “       Ireland .....	1
“       “       Western Islands .....	1
Mixed, one American.....	13
Mixed, other nationalities.....	4

*DEATHS.*

Number of deaths registered in Plymouth in 1886, 150,—29 of which occurred out of town, the burial taking place in Plymouth.

Females.....	82
Males .....	68
Born in United States....	137
“ British Provinces .....	4
“ Germany .....	3
“ England.....	2
“ Ireland .....	1
“ at sea .....	1
Unknown.....	2

CURTIS DAVIE, *Town Clerk.*



# ANNUAL REPORT

—OF THE—

## SCHOOL COMMITTEE

—AND—

## SUPERINTENDENT OF SCHOOLS

—OF THE—

## TOWN OF PLYMOUTH

FOR THE YEAR

1886.

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PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1887.

## SCHOOL COMMITTEE.

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	Term Expires.
CHARLES I. LITCHFIELD, . . . . .	1889
JAMES MILLAR, . . . . .	1889
F. N. KNAPP, . . . . .	1888
WILLIAM T. DAVIS, . . . . .	1888
GEORGE F. WESTON, . . . . .	1887
CHARLES S. DAVIS, . . . . .	1887

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CHAIRMAN—F. N. KNAPP.

SECRETARY—CHARLES S. DAVIS.

SUPERINTENDENT OF SCHOOLS—CHARLES BURTON.

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NOTE.—Charles S. Davis was chosen in 1886 for the unexpired term of George A. Tewksbury, which would have expired in 1887.



## REPORT OF THE SCHOOL COMMITTEE.

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The School Committee respectfully submit their annual report for the year ending December 31, 1886.

At the annual meeting of the Town in 1886, the following appropriations were made, subject to the order of the Committee :

For the support of schools.....	\$22,000 00
For books and supplies.....	1,800 00

In addition to the above, the School Department received the following credits :

From the Murdock fund.....	18 25
From the School fund.....	66 88

Total credits.....	\$23,885 13
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The amount of bills paid during the year has been—

For the support of schools.....	\$21,898 36
For books and supplies.....	1,746 99

	\$23,645 35
--	-------------

Leaving balances undrawn amounting together to \$239.78

The classified expenses for the support of schools were as follows :

Salaries of Teachers.....	\$16,619 73
Books and supplies, and expressage on the same.....	1,746 99
Repairs and room supplies.....	1,157 13
Superintendent .....	1,083 26

Janitors, etc.....	\$951 90
Fuel.....	756 64
Music teacher .....	720 00
Horse hire .....	167 50
Printing.....	126 95
Furniture for new school on Mt. Pleasant	110 60
Truant Officers.....	75 00
Care of privies.....	38 00
Aid to scholars at Ellisville.....	30 00
Hall rent for exhibition.....	25 00
Tuning piano.....	7 00
Travelling expenses.....	16 20
Sundries .....	13 45
	<hr/>
	\$23,645 35

The School Committee can report favorably in regard to the public schools of Plymouth. They are in good condition, yet not as good as they should be. Whatever deficiencies exist we cannot attribute them to any want of ability or of faithfulness on the part of the teachers, or of the Superintendent. The work of our entire corps of teachers, wisely directed and supported by the constant oversight, and personal presence of the Superintendent, is in itself all that we can ask for. But there are certain facilities for instruction which we lack. And the lack comes chiefly from a hesitation which the Committee has felt, to call on the town for such additional appropriations as would be necessary to secure these facilities.

Without entering into all the details, we need in the High School suitable apparatus for teaching physical sciences; apparatus by which those sciences can be

explained and illustrated with familiar practical experiments: showing by actual test of them what the forces of air and water, heat and steam, electricity, attraction, gravitation all are; and what simple uses can be made of them in mechanics. There is great need, too, of apparatus for making experiments in chemistry, which opens that rich field of study and investigation, leading to so many practical ends.

But it may be asked by the citizens who read this report, and reasonably too, whether all these branches of study have been neglected thus far. No, they have not been neglected. They have been taught as well as they could be from good text books, and by good teachers, but with very meagre apparatus, much of it of domestic manufacture. And it seems a waste of time, both of instructors and of pupils, to go on longer without better facilities--more suitable tools to work with. Besides that, in all the public schools throughout the whole country, and in all the seminaries too, for advanced study, more and more provision, of both time and facilities, is made for instruction in the physical sciences and mechanic arts, for enabling pupils to understand the forces of nature, and how to apply them to practical uses.

To study in a book about forces and machines and chemical affinities is good, so far as it goes; but if we want pupils to become intelligibly interested in such subjects, and really comprehend them, there must be in the class room experiments made, with an application of

all these forces. And for boys and girls alike, this whole branch of study, with all its relations to nature and to art, is most important.

The Committee do not desire to ask for an increased appropriation for the purchase of apparatus, but hope to be able to devote a part of the money available during the coming year to that end. In another year, if the expenditure shall prove a judicious one, it is probable that the Committee will ask for a somewhat larger appropriation. A majority do not intend, however, to express their approval of the introduction of scientific instruction into the schools to the extent recommended in the report of the Superintendent. The amount recommended to be appropriated for books and supplies is \$23,800.

There is another point to which we wish to draw the attention of parents, for we consider that these reports of the School Committee, are addressed not to voters only, but to all the parents who send their children to the public schools.

The School Committee and the Superintendent agree in the peculiar importance of giving time in our schools to imparting to the pupils information upon subjects not treated of in text books, namely, what is going on in the world today, "general knowledge" we call it; what men are thinking about and doing, for instance, in the matter of peace and war, of arts and inventions, of protection of industries, of development of national resources, of securing safeguards against disease, and against fire and railroad accidents, of benevolent organizations, their methods and their humane work; of temperance

societies, of national defences; of our army and our navy, of our dealings with the Indian tribes, of attempts for universal suffrage, of our relation just now with Canada, with all it involves of national rights and duties. This "general knowledge", including "news of the day," we regard as an important branch of school education ; it has been introduced in our High School in a limited measure, and with good results, but we now propose to give more time to it, and in order to do so some of the other branches will necessarily have less time than hitherto.

We enter into this matter somewhat at length in our report, because we are aware that some of the parents feel wronged if a very large proportion of study and of recitation is not given especially to French or German or Latin, or, perhaps, to all three together. This we consider a mistaken view, and one which we are inclined to believe would be changed by careful thought and by a wise estimate of the real worth of such a branch of study as we have now indicated. And we commend the subject to the serious commendation of both parents and pupils. May there not be, we would suggest, a mistaken ambition to have our children, especially our daughters, perfected in what are called, falsely, higher branches of learning, at the expense of branches of more solid and practical worth?

If we are right in our views of education, our young people, when they finish their course at school, should be reasonably well-informed upon all those topics which are likely to be subjects of conversation in the social and



business life of intelligent society. And, of still more importance, they should have acquired a habit of looking into all subjects of live thought and the movements of the times, and not be limited to a narrow range of interests. Let common schools secure all this to their graduates, and when these same young people become men and women, there will be more activity of thought and more intelligent social intercourse, and more fellowship also, the world over, with those persons who are engaged in doing true, and generous and human deeds.

So shall we enlist our public schools into the service of promoting that best end of all education, giving to our men and women, as they enter upon the responsibilities of life, the habit of serious thought and just conclusions upon the various practical questions that are pressing upon society, involving the well-being of the community and the happiness of homes. For what the world wants is not so much special training of a few individuals in certain branches of learning, as mental, moral and physical vigor among the people at large. Our public schools ought to be and can become efficient agents in securing all three of the forms of healthy vigor. We set forth these views as the result of an endeavor to answer to ourselves and to others in a way that shall approve itself to the common sense of men, the question,—what should public schools aim to accomplish? We feel that the statement we have made of our conclusions upon that one special division of the studies for a school holds a rightful place in our annual report, which is supposed to contain suggestions for improvements.



The change of time for graduation from December to June has been quietly effected without serious annoyance to any one, and with decided gain to the pupils who, thereby, have secured an additional six months' study and instruction.

The amount expended for books and school supplies, large as it seems, is used only in the purchase of what is absolutely necessary for the schools, with an aim at strictest economy.

This special expenditure of the town's money is not optional with the Committee, but is required by a law of the State. Serious doubts exist in our minds as to the wisdom of this law, which we feel induces often a careless use of supplies by the children and obliges this town, for instance, to appropriate annually for schools an extra sum of from \$1,500 to \$2,000. Whereas, formerly, the outlay which this now meets, was fitly distributed among the individuals whose children attended school. Whenever a case occurred where parents could not afford to purchase books and supplies, these were promptly furnished by the Committee.

Most of our school-houses are in comfortable condition, although the long-existing need still exists for better accommodations for the High School, where suitable provision can be made for the health and comfort of the hundred and fifty pupils who are now collected in a room ill suited to the purposes of a large school. Whenever the town can feel justified in making the necessary appropriation for such a building as is required, they will

confer a very great blessing upon all the children of the town, for in their turn the majority of all the school children pass into the High School.

The question of what to do with truants, continues a perplexing one. The State laws on this point are inadequate or inoperative. If the people of the town see truant children on the street, they may be assured that the School Committee have exhausted their resources to meet such cases.

We will conclude our report by urging upon parents the importance of the punctual attendance of the scholars at school, and their continuance through the entire school session, without interruption. Scarce anything else so wrongs both teacher and pupils as tardiness of scholars and frequent absences.

All which is respectfully submitted,

F. N. KNAPP,  
CHARLES I. LITCHFIELD,  
JAMES MILLAR,  
GEORGE F. WESTON,  
WILLIAM T. DAVIS,  
CHARLES S. DAVIS,

*School  
Committee.*

Plymouth, Feb. 24, 1887.

## REPORT OF SUPERINTENDENT OF SCHOOLS.

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TO THE SCHOOL COMMITTEE, PLYMOUTH :

GENTLEMEN : As required by your rules, I present for your acceptance my annual report on the condition of the schools of the town. I have endeavored to confine myself to the few changes that have been made in the past year, and the pressing wants for the future, trusting that a very general report of other matters will be sufficient.

The general statistics of the schools are given in the following table :

### STATISTICS.

Population of the town.....	7,239
Children between the ages of 5 and 15.....	1,224
Number of Public Schools.....	33
Number of Private Schools.....	2
Months the Public Schools were in session.....	10
Number of School-houses.....	25
Number of teachers in High School.....	5
Number of teachers in Grammar Schools.....	4
Number of teachers in Intermediate Schools....	8
Number of teachers in Primary Schools.....	16
Number of teachers in Ungraded Schools.....	3
Number of scholars in Public Schools.....	1,452
Average number belonging.....	1,207
Average attendance.....	1,048
Number between 8 and 14 years of age.....	790

The whole number of schools is one less than in the report of last year. The temporary school, opened in the extreme north part of the town, for the purpose of relieving the over-crowded Intermediate school in that district, has been closed, the decrease in the number of scholars rendering it no longer necessary. In the central part of the town one more sub-Primary school was needed, and to meet the necessity of the case, the school was established in the school-house on South Street, and the Primary, heretofore occupying this place, was removed to a room in the new building on Mount Pleasant.

#### ATTENDANCE.

In some parts of the town, irregularity in attendance is increasing very much; to such a degree, indeed, that I doubt whether it is advisable to try to keep two of the schools in the extreme southern part of the town open for ten months of the year, as the demand for the labor of children is so great that there is not a sufficient number of scholars present in Spring and Fall, to justify the expense of carrying on these schools. In the extreme north part of the town, also, there are two schools very seriously affected by absence of a large part of the scholars in Spring, who are tempted by the profitable employment which is offered to them at this season of the year, and which they do not feel able to refuse. In all of the schools, I have reason to believe, the efforts of the teachers are unremitted in securing regularity of attendance, at whose call the truant officer stands ready to render any assistance in his power.

## MUSIC.

The progress of our schools in vocal music, during the past year, is very gratifying. On three public occasions scholars have had opportunities to sing, and they won for their efforts universal praise. One of these occasions was an exhibition of nearly all the schools of the central part of the town, in which each school was called upon, separately, to sing, and the children, down to the Primaries, acquitted themselves to the entire satisfaction of all present.

There was a time when it may have been doubtful whether we should succeed so far in establishing this important art in the schools, that the public would spontaneously and energetically support the school authorities in the expenditure necessary to bring about the desired result. Now, after the public has had opportunities of learning what the scholars can do, there is no longer any doubt about future support; for music is a fixed fact in the instruction given in the public schools. This is a great point gained; for it can easily be seen that this success must increase the love of music throughout the town, and, in time, make all capable of appreciating the highest efforts of art.

## HIGH SCHOOL.

This community has ample reasons for regarding the High School with increasing interest every year, for its power to advance the general intelligence of the town makes itself felt more perceptibly as it advances in years. This fact is fully appreciated by those who have the most



intimate relations with the school, and who have, on that account, the best means of judging of the quality of work done there. The course of study will compare favorably with that of the best schools of its kind; the manners and character of its members are excellent; the interest, and even enthusiasm, pervading all departments, ensures success to those who pass through the prescribed course. The influence which such a school must have on the intelligence of the community where it exists, must be very great, and especially at the present time, when there is a larger per centage of good teaching than ever before.

The departments of learning in which we meet with most success, and which we emphasize most, are English Literature, History, Mathematics, and Science, discarding, as an exploded notion, the opinion that learning consists wholly, or even mainly, in a knowledge of foreign languages. It is true, we give a fair proportion of time to this study, sufficient to fit scholars for those colleges which do not require Greek as an essential for admission, as Wellesley, Institute of Technology, and Harvard, in the two former of which we have several scholars at the present time.

We labor under great disadvantages in teaching Science, for want of a chemical and physical laboratory—an indispensable requisite for training according to modern scientific methods. The close adherence to textbooks, memorizing, and the mechanical instruction which must be the result of such a method, are discreditable at the present time. We have done all we could with the apparatus which we have, and have hoped every year to



have more, but something has always intervened to prevent the accomplishment of this purpose.

We have an unused room in the High school building which will be convenient in all respects for the arrangements required. As a beginning, we shall need to introduce into the room, water and gas ; tables for a class of twenty scholars to work at, to prepare their chemical experiments ; various machines for the proper teaching of mechanics ; telegraphic and other electrical apparatus, all of which are needed at once ; and I recommend the appropriation of \$500 for the immediate commencement of this long-promised work.

### GRAMMAR SCHOOLS.

The Grammar Schools have been very much improved in the past year by the introduction of book-keeping. It takes the time formerly occupied by penmanship ; and the exchange works very successfully ; for the interest in writing is greatly increased, owing, doubtless, to the fact that the scholars see a definite application of their skill, to a work in which they take much pride.

The introduction of this branch into the Grammar Schools has given, I think, universal satisfaction ; for parents attach great importance, and very justly, to book-keeping, as it is a knowledge needful to all, and to some, very necessary, in order to obtain desirable employment. At present, it is taught, also, in the High School ; but I hope the subject will be so well managed in the Grammar Schools, that hereafter it may be omitted in the High School.

Another change may be made in the Grammar School course of study, which will add greatly to the usefulness of these schools, and especially benefit those who do not enter the High School. By reducing the time heretofore given to Geography, opportunity will be afforded to introduce two recitations in Elementary Science, for all the scholars ; a study which will tend to form habits of observation on everything that occurs in nature about them. This will enlarge and complete the Grammar School course, an arrangement which has been long desired by many in our town. The steady improvement in the character of the teaching in these schools is highly satisfactory.

#### HIGH SCHOOL BUILDING.

A sense of duty always prompts me in every report of the condition of schools, to call attention to the state of the building in which about one-ninth of all the children of the town spend the school-hours of every day. In Winter, especially, the smaller inconveniences which have to be borne, and the serious dangers to health, are a source of perpetual complaint on the part of teachers and parents. Delicate young girls are often detained at home in order to avoid their being exposed drafts of air which are met in all their movements about the rooms ; and others are out of their places at school on account of ill-health, contracted in the sudden changes of temperature, experienced in moving through the cold passages, which lead from the upper to the lower recitation rooms, and from the bad ventilation of

the principal room. This room is too small on the floor, and too low in the walls for the accommodation of one hundred and fifty, and sometimes, one hundred and sixty pupils.

These facts are well known to all those who send children to our High School, and upon their influence, in a great measure, must depend the successful issue of the steady agitation which has prevailed in our town for the last ten years, on the question of a new High School building.

Respectfully submitted,

CHARLES BURTON, *Superintendent.*

PLYMOUTH, February, 1887.

## APPENDIX.

## STATISTICS.

LOCATION OF SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrolment.	Average Membership.	Average Attendance.	Number over 15 years.	Number between 8 and 14 years.
Green,	High School,	Carrie E. Small, Ellen W. Beane, Emma F. Briggs, Anna M. Klingenhagen, Jennie C. Whitten,	\$1400 700 700 400 400	158	141	135	88	
Russell St.,	Grammar,	Aaron H. Cornish,	1000	46	40	43	5	41
Mt. Pleasant,	Grammar,	Seth S. Crocker,	1000	47	47	44	6	41
North,	Grammar,	Charles F. Cole,	1000	42	36	33	5	37
Chiltonville,	Grammar,	Elmer E. Sherman,	900	47	39	36	5	32
So. Plymouth,	Grammar,	Frances A. Hadaway,	400	31	24	20	2	29
North,	Intermediate,	Harry R. Hitchcock.	700	46	39	35		46
Wellingsley,	Intermediate,	Addie F. Bartlett,	360	40	30	27		24
Russell St.,	Third Grade,	Carrie I. Mace,	360	63	55	49		63
Mt. Pleasant,	Third Grade,	Augusta M. Morton,	360	50	44	38		47
Russell St.,	Second Grade,	Mary A. Aldrich,	320	41	37	33		41
Russell St.,	Second Grade,	Anna A. Jones,	320	43	40	34		43
Mt. Pleasant,	Second Grade,	Nelia D. Burbank,	320	54	51	46		53
Cold Spring,	Primary,	Frances E. Hovey,	300	43	37	30		21
School St.,	Primary,	Priscilla Perkins,	300	56	43	39		14
South St.,	Primary,	Charlotte R. Bearse,	300	28	23	20		10
Oak St.,	Primary,	May H. Chandler,	300	38	32	29		25
Mt. Pleasant,	Primary,	Grace D. Chandler,	300	37	35	31		32
North,	Primary,	Mary Moning,	300	36	35	28		36
South St.,	1st Sub-Primary,	Mary E. Morton,	300	47	44	39		12
South St.,	2d Sub-Primary,	Katie O'Brien,	300	39	37	33		
Spring St.,	Sub-Primary,	Lucy M. Harlow,	300	59	37	30		10
Oak Grove,	Sub-Primary,	Nellie M. Smith,	300	64	33	25		11
Cold Spring,	Sub-Primary,	Mary J. Ellis,	300	63	44	29		3
North,	Sub-Primary,	Myra C. Holmes,	300	44	42	33		10
Cliff,	Primary,	Martha W. Whitmore	280	31	23	20		11
Chiltonville,	Primary,	Katie W. Sampson,	280	31	22	19		17
Russell Mills,	Primary,	Mary A. Morton,	280	40	25	24		25
So. Plymouth,	Primary,	Lydia A. Sampson,	280	31	23	18		17
South Pond,	Ungraded,	Addie E. Thrasher,	280	19	18	16		13
Long Pond,	Ungraded,	Lina Bates,	280	16	14	13		16
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	22	17	16		10

## COURSE OF STUDY.

## HIGH SCHOOL.

## FIRST YEAR.

No. of Recitations per Week,  
45 minutes each. Time.

Inventive Geometry and Mensuration, two sections .....	each 2	Entire year.
English Literature and Grammar, two sections .....	each 2	Entire year.
History of United States .....	4	Entire year.
Elementary Physics .....	4	Two terms.
Elementary Chemistry .....	4	Two terms.
Botany .....	4	One term.
Physiology .....	4	One term.
Composition .....	Once in three weeks	Entire year.
News of the Day ....	Twice every three weeks	Entire year.
Singing .....	1	Entire year.
Electives { Latin .....	3	Entire year.
Electives { German .....	3	Entire year.

## SECOND YEAR.

No. of Recitations per Week,  
45 minutes each. Time.

Commerical Arithmetic and Book-keeping ...	3	Entire year.
English Literature and Grammar .....	4	Entire year.
History of England and Rome .....	3	Entire year.
Physical Geography, including Geology and Astronomy .....	3	Entire year.
Composition .....	Once in three weeks	Entire year.
News of the Day ....	Twice every three weeks	Entire year.
Singing .....	1	Entire year.
Electives { Latin ..	3	Entire year.
Electives { German .....	3	Entire year.
Electives { French .....	3	Entire year.

## THIRD YEAR.

No. of Recitations per Week,  
45 minutes each. Time.

Geometry with applications.....	3	Entire year.
Algebra .....	4	Entire year.
English Literature and Rhetoric.....	4	Entire year.
Practical Chemistry .....	3	Entire year.
Composition .....	Once in three weeks	Entire year.
News of the Day....	Twice every three weeks	Entire year.
Singing .....	1	Entire year.
Electives {	Latin .....	3 Entire year.
	German .....	3 Entire year.
	French .....	3 Entire year.

If *two* foreign languages be taken, Mathematics may be omitted.

## FOURTH YEAR.

No. of Recitations per Week,  
45 minutes each. Time.

Geometry.....	4	Two terms.
Algebra .....	4	Two terms.
English Literature and Rhetoric.....	4	Entire year.
Physics with Application of Mathematics. . .	4	Entire year.
News of the Day and Civil Government.....	1	Entire year.
History of the Nineteenth Century.....	2	Entire year.
Composition . . . . .	Once in three weeks	Entire year.
Singing.....	1	Entire year.
Electives {	Latin .....	3 Entire year.
	German.....	3 Entire year.
	French.....	3 Entire year.

If *two* foreign languages be elected, Mathematics may be omitted.



# *HIGH SCHOOL: ORDER OF EXERCISES.—Monday, Wednesday and Friday.*

TIME.	MISS SMALL.	MISS BEANE.	MISS BRIGGS.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.15,	2d Geometry, M. & W., Singing, F.,	1st Literature, M. & W.,	Div. 2, 4th Chemistry, M. & W.	Div. 1, 4th German, M. & W.,	3d History, M. & W.
9.00,	1st Geometry,	2d Literature,	Div. 1, 4th Physics, 2d Chemistry, M.,	3d Literature, 4th Latin, M.,	Div. 2, 4th History. — M. { Div. 1, 4th News of the Day, W. } or Div. 1, 4th { Composition, W. — F.
9.45,	1st Comp., M., 2d Algebra, W. & F.,	1st German,	{ 3d News of the Day, W., or 3d Composition, W., 3d Book-keeping, F.,	{ Div. 2, 4th News of the Day, W., } or Div. 2, 4th Comp., W., 4th Latin, F., — M., 2d Latin, W. & F.,	3d Phys. Geography.
10.30-45,	Recess,				
10.50,	2d Algebra, M., 1st Comp., W., — F.,	1st French,	Div. 1, 4th Chemistry,		
11.30,	1st Algebra,	2d German,	Div. 2, 4th Physics,	3d Latin,	Div. 1, 4th History.
12.15,		3d French, M., 2d News of the Day, W., or 2d Comp., W., 2d French, F.,	1st Physics,	Div. 2, 4th German,	

Compositions once in three weeks.

Every third week, upon Tuesday and Wednesday, "News of the Day" takes the place of "Composition Exercises" in Classes 2, 3 & 4.

# *HIGH SCHOOL: ORDER OF EXERCISES.—Tuesday and Thursday.*

TIME.	MISS SMALL.	MISS BEANE.	MISS BRIGGS.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.15,	Div.2,4th Geom.	3d German,	2d Chemistry,	Div. 1, 4th Literature,	1st History,
9.00,	Div.1,4th Geom.	2d French,	3d Book-keeping,	1st Latin,	Div.2, 4th Literature
9.45,	1st News of the Day, Tues., or 1st Geom. Thurs.	2d News of the Day, Tues., or 2d Comp. Tues.	{ 3d News of the Day, Tues., 3d Composition, Tues., Div. 1, 4th Physics, Thurs.,	{ Div. 2, 4th News of the Day, Tues., or Div. 2, 4th Comp., Tues., 3d Literature, Thurs.,	{ Div. 1, 4th News of the Day, Tues., or Div. 1, 4th Composition, Tues., — Thurs.,
10.30-45,	Recess,				
10.50,	1st Comp. Tues., 1st Alg., Thurs.	3d Germ. Tues., 3d Fr., Thurs.	Div. 1, 4th Chemistry, Tues., Div. 2, 4th Physics, Thurs.,	1st Latin, Tues., 2d Latin, Thurs.	Div.2,4th His., Tues., Div.1,4th His., Thurs.
11.30,	2d Geometry,	1st Literature,	Div. 2, 4th Chemistry,	— Tues., Div. 1, 4th German, Thurs.,	3d History,
12.15,	2d Algebra, Tues., Rhetorical Exercises, 1st Class, Thurs.,	3d Fr., Tues., Rhetorical Exercises, Thurs., 2d Class, Thurs.,	1st Physics, Tues., Rhetorical Exercises, Thurs.,	4th Latin, Tues., Rhetorical Exercises, Div. 2, 4th Class, Thurs.,	— Tues., Rhetorical Exercises Div. 1, 4th Class, Thurs.,

# GRAMMAR SCHOOLS. ORDER OF EXERCISES.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00- 9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises	Opening Exercises,	Opening Exercises,
9.10-10.10,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Book-keep'g.
10.00-10.30,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Book-keep'g.
	Recess,	Recess,	Recess,	Recess,	Recess,
10.45-12.00,	U.S. History,	U.S. History,	U.S. History,	U.S. History,	Drawing,
P. M.					
2.00- 2.45,	Elementary Science,	Reading,	Elementary Science,	Reading,	Composition
2.45- 3.30,	Grammar, Recess,	Grammar, Recess,	Grammar, Recess,	Grammar, Recess,	Composition Recess,
3.45- 4.00,	Spelling,	Spelling,	Spelling,	Spelling,	Reading of Compo'tions
4.00- 4.30,	Study,	Study,	Study,	Study,	and Declama'ns

Music twice a week.

Elementary Science includes lessons in Physiology, Physical Geography, Botany, Zoology, Physics and Chemistry.

# INTERMEDIATE SCHOOLS. ORDER OF EXERCISES.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY	FRIDAY.
A. M.					
9.00- 9.10,	Opening Exercises	Opening Exercises,	Opening Exercises,	Opening Exercises,	General Exercises,
9.10- 9.30,	Music,	Music,	Spelling,	Music,	Music,
9.30-10.00,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
10.00-10.20,	Written Spelling,	Written Spelling,	Gymnastics.	Written Spelling.	Written Spelling,
10.20-10 30,	Gymnastics,	Gymnastics,	Music,	Gymnastics,	Gymnastics,
10.30-10.50,	Recess,	Recess,	Recess,	Recess,	Recess,
10.50-11.00,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,
11.00-11.30,	Geography,	Geography,	Geography,	Geography,	Geography,
11.30-12.00,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
P. M.					
2.00- 2.40,	Writing,	Drawing,	Writing,	Drawing,	Writing,
2.40- 3.00,	Mental,	Mental,	Mental,	Mental,	Mental,
3.00- 3.15,	Correcting Spelling,	Correcting Spelling.	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,
3.15- 3.30,	Recess,	Recess,	Recess,	Recess,	Recess,
3.30- 4.00,	Language Lessons or Physiology,	Language Lessons or Physiology,	Language Lessons or Physiology,	Language Lessons or Physiology,	General Exercises.
4.00- 4.30,	Reading,	Reading,	Reading,	Reading,	

*PRIMARY SCHOOLS. ORDER OF EXERCISES.*

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00- 9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,
9.10- 9.20,	Phonics,	Drawing,	Phonics,	Drawing,	Phonics,
9.20- 9.40,	1st Geog.,	1st Geog.,	1st Geog.,	1st Geog.,	1st Geog.,
	2d Arith.,	2d Arith.,	2d Arith.,	2d Arith.,	2d Arith.,
9.40-10.00,	1st Arith.,	1st Arith.,	1st Arith.,	1st Arith.,	1st Arith.,
	2d Reading,	2d Reading,	2d Reading,	2d Reading,	2d Reading,
10.00-10.05,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,
10.05-10.15,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,
10.15-10.30,	Singing,	Singing,	Ment. Arith.,	Singing,	Singing,
10.30-10.50,	Recess,	Recess,	Recess,	Recess,	Recess,
10.50-11.10,	Ment. Arith.,	Ment. Arith.,	Singing,	Ment. Arith.,	Ment. Arith.,
11.10-11.40,	Spelling,	Spelling,	Spelling,	Spelling,	Spelling,
11.40-12.00,	Language Lessons,	Language Lessons,	Language Lessons,	Language Lessons,	Language Lessons,
P. M.					
2.00- 2.05,	Singing,	Singing,	Singing,	Singing,	Singing,
2.05- 2.20,	Drawing,	Drawing,	Drawing,	Drawing,	Drawing,
2.20- 2.40,	1st Arith.,	1st Arith.,	1st Arith.,	1st Arith.,	1st Arith.,
	2d Reading,	2d Reading,	2d Reading,	2d Reading,	2d Reading,
2.40- 3.00,	1st Reading,	1st Reading,	1st Reading,	1st Reading,	1st Reading,
	2d Arith.,	2d Arith.,	2d Arith.,	2d Arith.,	2d Arith.,
3.00- 3.15,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,
3.15- 3.30,	Recess,	Recess,	Recess,	Recess,	Recess,
3.30- 3.50,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,
3.50- 4.10,	1st Reading,	1st Reading,	1st Reading,	1st Reading,	1st Reading,
	2d Study,	2d Study,	2d Study,	2d Study,	2d Study,
	Spelling,	Spelling,	Spelling,	Spelling,	Spelling,
4.10- 4.30,	Spelling,	Spelling,	Spelling,	Spelling,	Readings, Recitations,

PLYMOUTH HIGH SCHOOL.

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GRADUATING EXERCISES

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— OF THE —

CLASS OF '86.

---

THURSDAY, JULY 1ST, AT 8.30 O'CLOCK,

## PROGRAMME.

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### Music.—SEE HOW LIGHTLY ON THE BLUE SEA.

- |                           |                    |
|---------------------------|--------------------|
| 1. SALUTATORY             | FREDERIC H. HOLMES |
| 2. ESSAY, Mental Slavery, | MARY E. DUNHAM     |

### Music.—THE OCEAN.

- |  |                    |
|--|--------------------|
| 3. ESSAY, Some Characteristics of Trees, | ANNIE S. BURGESS   |
| 4. POEM, From Sunrise to Sunset.         | SAMUEL F. GLEASON  |
| 5. ESSAY, Character,                     | ELNATHAN W. HOLMES |
| 6. ESSAY, The Labor Question,            | FREDERIC H. HOLMES |

### Music.—MARCH OF THE MEN OF HARLECH.

- |   |                  |
|---|------------------|
| 7. POEM, The Devotee,                     | HATTIE P. DAVIS  |
| 8. ESSAY, Good Books the Best Companions. | EDMUND T. MORTON |
| 9. ESSAY, Right vs. Might.                | EDWARD S. HOLMES |

### Music.—SWEET AND LOW.

- |   |                      |
|---|----------------------|
| 10. ESSAY, The Progress of Liberty,                           | KENNETH MORTON       |
| 11. ESSAY, Our Street.  | GRACE R. ATWOOD      |
| 12. ESSAY, The Panama Canal and the Tehuantepec Ship Railroad | EDWARD S. BLACKMER   |
| 13. ESSAY, O Wad Some Power,                                  | HELEN L. COLLINGWOOD |

### Music.—FORSAKEN.

- |                       |                 |
|-----------------------|-----------------|
| 14. CLASS CHRONICLES. | JOHN H. SHAW    |
| 15. CLASS PROPHECY.   | HELEN E. MILLAR |

### Music.—GLORIA IN EXCELSIS.

- |                  |                |
|------------------|----------------|
| 16. VALEDICTORY. | KENNETH MORTON |
|------------------|----------------|
- 

## PRESENTATION OF DIPLOMAS.



## CLASS SONG.

---

BY HATTIE P. DAVIS.

We are standing by life's ocean,  
 And our hearts are glad and bright,  
 Soon we'll launch our crafts, and steer them  
 Toward the distant Beacon Light.  
 Fame and honor lie before us,  
 Viewed by Youth's ambitious eye,  
 And the banner floating o'er us  
 "Never Second" gleams on high.

Though the tempest should surround us,  
 Though the lightning rend the cloud,  
 And the darkness veil our vessels,  
 Like the wrapping of a cloud,  
 Still, with heart and hand undaunted,  
 Would we ride the billow's crest.  
 Till the weary watch is over,  
 And the waters are at rest.

When we reach the welcome Beacon,  
 When the journey long is o'er,  
 And we leave our trusty vessels  
 To set foot upon the shore ;  
 Then our school-days we'll remember,  
 And with love no tongue can tell,  
 Gazing back across the waters,  
 Breathe a long, a last "*Farewell.*"

CLASS OF '86.  

---

Grace Russell Atwood,

Annie Sprague Burgess,

Helen Louise Collingwood,

Harriet Prescott Davis,

Mary Elizabeth Dunham,

Helen Eaton Millar

Edward Sherman Blackmer,

Samuel Francis Gleason,

Edward Staniels Holmes,

Elnathan Wilbur Holmes,

Frederic Harper Holmes,

Edmund Tallman Morton,

Kenneth Morton,

John Holbrook Shaw.

# ANNUAL REPORT

—OF THE—

## TOWN OFFICERS

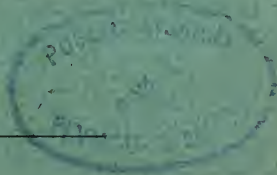
—OF THE—

## TOWN OF PLYMOUTH

—FOR THE—

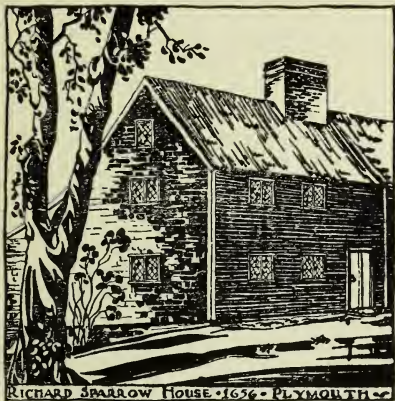
FINANCIAL YEAR ENDING JANUARY 1st,

1888.



PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1888.





## Plymouth House Shop

21 MARKET STREET

Cor. Old Summer Street

JULY 28 - AUGUST 5

During the week of the exhibition of the Early American Glass Club at Plymouth, Plymouth House Shop will have a large and varied stock of fine patterns and early blown glass for sale.



47

258

634

47

1821

1917

47

1858

1934



# ANNUAL REPORT

—OF THE—

TOWN OFFICERS

—OF THE—

TOWN OF PLYMOUTH

—FOR THE—

FINANCIAL YEAR ENDING JANUARY 1ST,

1888.

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PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1888.

PLYMOUTH PUBLIC LIBRARY

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108-1278

## REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year 1887 :

The Treasurer's books have been examined and found correct, and all payments properly vouched.

The Treasurer is charged for the year with—

Cash on hand, Jan. 1, 1887.....	\$15,549 22
From—	
Water rents, labor and materials.....	15,455 04
County, dog fund.....	768 98
Sale of lots in Vine Hills Cemetery.....	253 35
Agawam and Half-Way Pond fishery.....	222 00
Dividend from Old Colony National Bank.....	400 00
Interest from delinquent taxes.....	425 80
Interest on Training Green fund.....	29 71
Peddler's licenses.....	26 50
Rebate of interest on loans.....	120 13
State aid refunded.....	1,346 75
Indigent state aid refunded.....	565 14
National Bank tax from State Treasurer.....	2,325 36
Corporation tax from State Treasurer.....	7,004 90
Interest from Warren fund.....	50 00
Billiard licenses.....	6 00
Poor department, reimbursements.....	1,494 62
Road department, reimbursements.....	511 52
Insane poor department, reimbursements.....	827 04
<i>Amount carried forward.....</i>	<i>\$47,382 06</i>

<i>Amount brought forward</i> .....	\$47,382 06
Contingent department, reimbursements.....	294 09
School department, reimbursements.....	207 53
School department, Murdock fund ... ..	18 25
Poor department, Murdock fund ... ..	18 25
Widow's fund ... ..	11 00
Sale herring brooks.....	48 00
Circus licenses.....	37 50
Sale of land to E. E. Pettee.....	100 00
Burial Hill, reimbursements....	100 00
Liquor licenses.....	1 00
Loan Plymouth Savings Bank.....	3,000 00
Taxes, 1885.....	1,623 74
Taxes, 1886.....	5,561 95
Taxes, 1887.....	75,481 67
Fire department, reimbursements ... ..	30 44
Lighting streets, reimbursements.....	3 00
Watch and police, reimbursements.....	100 00
Sale of water bonds ... ..	39,858 00
Water works, reimbursements.....	2,702 60
	<hr/>
	\$176,579 08

The Treasurer is credited with payments as follows:

For—

Water works, double service.....	\$35,983 42
New reservoir.....	7,224 06
Duxbury & Cohasset R. R. sinking fund... ..	1,500 00
Payment on note at Plymouth Savings Bank.....	1,000 00
Payment of note to P. Sherman.....	3,200 00
National Bank non-resident tax.....	4,451 00
State tax.....	6,165 00
County tax.....	5,514 93
	<hr/>
<i>Amount carried forward</i> .....	\$65,038 41

<i>Amount brought forward</i> .....	\$65,038 41
Vine Hills Cemetery.....	111 24
Widows.....	144 00
Water works.....	16,830 84
Watch and police.....	1,361 47
Treasurer.....	600 00
Sexton.....	125 00
Town debt, interest account .....	2,350 45
State aid.....	1,356 50
Schools.....	23,677 61
Roads and bridges... ..	11,083 58
New roads.....	8,232 50
Insane poor.....	3,200 86
Poor.....	8,657 88
Fire department.....	6,165 78
Burial Hill.....	292 33
Contingent.....	3,360 41
Lighting streets and town house.....	2,306 30
Assessors.....	736 36
Plymouth Public Library.....	1,000 00
Agawam and Half-Way Pond fishery.....	40 75
Warren fund.....	100 00
Collector of taxes.....	477 61
Indigent soldiers' aid.....	1,304 54
Abatements.....	1,047 98
Copying records.....	170 00
Suppression liquor traffic.....	219 50
Tax refunded.....	264 96
State of Massachusetts, one-fourth liquor license.	25
Cash on hand.....	16,321 97
	<hr/>
	\$176,579 08

Undrawn balances of the several departments are as follows :

Abatements.....	\$627 14
Collector of taxes.....	31 38
Lighting streets and town house.....	489 64
Warren fund.....	1,014 93
Watch and police.....	29 71
Contingent ... ..	62 88
Town debt and interest....	420 21
Training Green fund .....	761 78
Water works.....	99 91
New roads .....	167 50
Vine Hills Cemetery .....	602 04
Schools .....	887 95
Assessors .....	78 24
Fresh Brook fishery.....	4 92
Suppression of liquor traffic.....	780 50
Water works, double service .....	650 52
	<hr/>
	\$6,709 25

The overdrawn balances of the several departments are as follows :

Fire department.....	\$585 92
Poor.....	145 00
Indigent aid.....	654 61
Burial Hill .....	42 33
Roads and bridges .....	89 49
Insane poor.....	404 82
Copying town records .....	170 00
	<hr/>
	\$2,092 17



## TOWN DEBT.

## WATER LOAN FUNDED.

70,000 four per cent. bonds, dated June 1, 1885, payable within 30 years, in proportional payments of \$2,800 each year, commencing June 1, 1890.....	\$70,000 00
20,000 six per cent. bonds, due Aug. 1, 1894 .....	20,000 00
2,000 six per cent. bonds, due June 1, 1885.....	2,000 00
39,000 four per cent. bonds, dated Aug. 1, 1887, \$1,300 due and payable each year, commencing Aug. 1, 1888.....	39,000 00
Note to Plymouth Savings Bank, due April 1, 1890, interest 5 per cent. . .	6,000 00
Note to Plymouth Five Cents Savings Bank, due Aug. 2. 1890, interest 4½ per cent.....	6,000 00
	<hr/> \$143,000 00

## DUXBURY AND COHASSET RAILROAD LOAN.

Note to Plymouth Savings Bank, due April 1, 1890, interest 4 per cent. .	\$5,250 00
Note to Plymouth Five Cents Savings Bank, due April 1, 1890, interest 4 per cent.....	5,250 00
	<hr/> 10,500 00
<i>Amount carried forward.....</i>	<hr/> \$153,500 00

*Amount brought forward* . . . . . \$153,500 00

TEMPORARY LOAN.

Note to Plymouth Savings Bank, payable April 13, 1888, interest 4 per cent. . . . .	\$5,000 00	
Note to Plymouth Five Cents Savings Bank, payable March 20, 1888, interest 4 per cent. . . . .	6,700 00	
Note to Plymouth Savings Bank, due Sept. 18, 1886, interest 4 per cent. . . . .	10,000 00	
Note to Plymouth Savings Bank, on demand, interest 4 per cent. . . . .	5,000 00	
Note to Plymouth Savings Bank, payable March 30, 1891, interest 4 per cent. . . . .	5,000 00	
Note to Plymouth Savings Bank, payable June 9, 1892, interest 4 per cent. . . . .	3,000 00	
Notes to sundry persons on demand. . . . .	1,700 00	
	<hr/>	36,400 00
		<hr/>
		\$189,900 00
Undrawn balances of the several departments . . . . .		6,709 25
		<hr/>
Gross indebtedness . . . . .		\$196,609 25

LESS.

Uncollected taxes, 1886. . . . .	\$1,710 97	
Uncollected taxes, 1887. . . . .	9,417 80	
State aid, due from State Mass. . . . .	1,356 50	
Indigent aid, due from State Mass. . . . .	649 93	
Cash on hand. . . . .	16,321 97	
	<hr/>	29,457 17
		<hr/>
Debt December 31, 1887. . . . .		\$167,152 08
Debt December 31, 1886. . . . .		136,262 22
		<hr/>
Increase of debt in 1887. . . . .		\$30,889 86

Debt Dec. 31, 1887.....	\$167,152 08
Debt less Water Scrip Sinking Fund	8,257 95

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Net debt Dec. 31, 1887.....	\$158,894 13
Debt less Sinking Fund, Dec. 31, 1886	130,863 54

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Increase in debt, less Sinking Fund, 1887 ..... \$28,030 59

Payments have been made during the year on principal of outstanding notes of the Town in the sum of \$2,700, making the temporary indebtedness \$46,900, against \$49,600 last year.

The funded debt has been increased by the issue of \$39,000 bonds, bearing four per cent. interest to provide for an increased supply of water, as authorized by vote of the Town, making the funded debt \$143,000, against \$104,000 outstanding Dec. 31, 1886.

There has been covered into the Treasury from Bank and Corporation taxes received from the State, and miscellaneous receipts in excess of estimates, and from difference in overdrawn balances as compared with last year, the sum of \$5,410.14, and including the payment of \$2,700 above referred to, has reduced the liabilities of the Town \$8,110.14, making the debt \$167,152,-08, as represented in the preceding statement.

Additions have been made to the Water Scrip Sinking Fund, by payment from income of Water Works, and investments, of \$2,859.27, making the fund at the close of the year \$8,257.96, and the net indebtedness of the Town, \$158,894.13, against \$130,863.54, December 31, 1886.

The expenditures on account of indigent soldiers aid has steadily increased since the late law passed by the Legislature has been in operation, and is likely to still further increase, as age and infirmity deprive those who were soldiers of means of support, unless the pension laws now pending shall include them in its provisions.

Payments to the amount of \$1,304.54 have been made the past year, against \$1,129.64 in 1886. The aid is intended to apply to such cases as are in needy circumstances, or suffering from disease, or disability, preventing them from earning a livelihood, not entitled to a pension and regular State aid, for the reason, that their disability under existing laws cannot be proved to have been incurred while in the service of the government.

One half of such payments are allowed and paid by the State, leaving a deficiency the past year of \$654.61, to be provided for.

The whole amount assessed for taxes in 1887 was \$84,899.49 against \$70,600 in 1886, with an increased valuation of \$243,231.24, of which \$80,176.64 was in real and \$163,054.60 was in personal property, increasing the rate from \$12.80 in 1886 to \$14.80 in 1887.

To provide for the necessary expenditures, and existing deficiencies, as recommended by the Selectmen, with the probable increase in State and County taxes, is likely to require a tax levy equal to that of the last year, and any additional appropriations should be carefully considered before imposing additional burdens on taxpayers and business interests of the Town.

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#### *TOWN DEBT AND INTEREST ACCOUNT.*

Dec. 31, 1886.

CR.

By balance from old account.....	\$424 73
appropriation.....	3,000 00
rebate of interest on loans at Old Colony Bank.	120 13
interest from delinquent taxes.....	425 80
	<hr/>
	\$3,970 66

## DR.

To payment on principal of outstanding notes.....	\$1,200 00
interest on Duxbury & Cohasset Railroad loan..	450 00
interest on temporary loan.....	1,672 46
interest on loans in anticipation of taxes.....	227 99
	<hr/>
	\$3,550 45
	<hr/>
Balance undrawn.....	\$420 21

To provide for the payment of interest on temporary and Duxbury & Cohasset Railroad loans, including a payment of \$1,000 on outstanding loans, will require in addition to prospective income, an appropriation of \$2,500, which is recommended.

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*ROADS AND BRIDGES.*

## DR.

To payments in 1887.....	\$11,083 58
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Dec. 31, 1885.

## CR.

By balance from old account.....	\$1,282 57
appropriations.....	9,200 00
reimbursements.....	511 52
	<hr/>
	\$10,994 09
	<hr/>
Overdrawn.....	\$89 49

The net expenditures for roads and bridges the past year has been \$10,572.06, against \$9,228.42 in 1886.

The difference is chiefly for additional work required of the road department for widening Main Street, and repairs on streets, which were broken up for laying water pipes for the new service.



The added cost of maintaining roads and bridges over previous years, is partly owing to the increased cost of material and labor. The item of labor alone, which comprises during the year some 3500 to 4000 days' work, equivalent to twelve men during the entire year, by raising the price from \$1.50 to \$2.00 per day has swelled the expenses some \$1,700 annually, and will account for the larger appropriation required. Notice has been given to the Town, by parties owing the land on which the surface water from Jabez Corner has been discharged, by permission and sufferance, that they cannot continue it longer, as they desire to make use of their land, but will permit under-drainage through the same, to the shore below. The pipes now laid are insufficient to properly carry off the accumulation of water in heavy rains, and arrangement was made by the purchase of larger pipes some two years ago, and which is now on hand, to carry the pipes under the road, but on further investigation it was found that the difficulty could only be remedied by laying larger pipes to the shore, which will require some five or six hundred feet, additional, of 20-inch pipe.

The expenditure is provided for in the estimates for the year.

An appropriation of \$11,200, for roads and bridges, is recommended.

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### NEW ROADS.

#### CR.

By appropriation.....	\$208 41
appropriation .....	8,400 00
	<hr/>
	\$8,608 41

#### DR.

To balance from old account. ....	\$208 41
Widening Main Street, award paid County	8,000 00
Payments in 1887.....	232 50
	<hr/>
	8,440 91
	<hr/>
Undrawn.....	\$167 50



The work on new roads has been confined to the working of Bartlett and Centennial streets for which \$232.50 was expended.

The sum of \$8,000 was paid to the County as the amount assessed upon the Town for its proportion of awards for damages occasioned by the widening of Main Street.

The County Commissioners, in 1886, changed the grade of Pleasant Street, and widened South Street, serving a notice on the Town to complete the work before Sept. 1, 1887. More pressing work elsewhere, prevented the working within the time ordered, and delayed action until the coming year. An order of notice has recently been served on the Town by the Commissioners, cutting down the grade of the hill beyond the house of Barnabas Hedge, reducing the grade six feet at the highest point, and extending north and south, until it comes to grade; also widening the highway into the pond, involving in the change lengthening and construction of two stone bridges, taking up and relaying the water pipes for several hundred feet, same to be done to the satisfaction of the Commissioners before Sept. 1st of the present year.

No allowance has been made by the Commissioners towards reimbursing the Town for any portion of the expense, although the improvement, if any, accrues to the public, and as such should not be wholly borne by the Town.

The Selectmen have laid out the way leading from Allerton Street, through Highland Place to Davis Street, which is practically an extension of Vernon Street. No claim is made for land damage, and the only expense will be in working, it being already partially graded; same will be reported to the Town at the annual meeting.

It is difficult to estimate the cost making the road as ordered by the Commissioners at the north part of the Town, owing to the obstructions which may be found in widening the bridges,

changing water pipes, etc. The Selectmen are of opinion that an appropriation of \$2,000, at least, will be needed as an appropriation for new roads in case the Town shall instruct them to complete the work the present year.

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### WATER WORKS.

#### CR.

Dec. 31, 1886. By balance from old account.....	\$2,773 11
Receipts from water rents, labor and materials for repairs .. .. .	15,455 04
	<hr/> \$18,228 15

#### CONTRA, DR.

To payments in 1887 .. .. .	\$14,128 24
Balance of income .. .. .	\$4,099 91
To amount transferred to double service account ...	4,000 00
	<hr/>
Undrawn balance .. .. .	\$99 91

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### WATER WORKS, DOUBLE SERVICE.

#### INCLUDING RESERVOIR.

#### DR.

To payments in 1887....	\$35,983 42
To payments for reservoir, 1887 .....	7,224 06
	<hr/> \$43,207 48

#### CR.

By—	
Transfer from water works.....	\$4,000 00
Sale of bonds.....	39,000 00
Premium on bonds .....	780 00
Accrued interest....	78 00
	<hr/> 43,858 00
Undrawn.....	<hr/> \$650 52

To payments in 1887, double service .. . . .	\$35,983 62
reservoir, 1887 .. . . .	7,224 06
reservoir, 1886 .. . . .	5,254 20
	<hr/>
	\$48,461 88

## LESS.

Credits as above .. . . .	\$43,858 00
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Overdrawn balance .. . . .	<hr/> \$4,603 88
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The net income from Water Works' for the year has been \$3,826.80, being balance of Water Works account, viz. \$4,099.91, less \$273.11, which remained as an item of credit. After the sum of \$2,500 had been paid over to the sinking fund, and charged against the balance of \$2,773.11, which remained to the credit of the account when the books were closed Dec. 31, 1886.

The net expenditure for Water Works in 1887, has been \$11,628.24, the difference between this sum and \$14,128.24 in the preceding statement, being the sum of \$2,500, drawn from and charged Water Works account.

The fixed charges will be increased the present year in the sum of \$2,860, to provide for the interest and sinking fund requirements, on account of the new loan.

Taking as a basis, the receipts and expenditures of last year, with the additional charges to be incurred, will leave about \$1,000 only as net income from the Works. Any unusual expenses will draw from this margin, and from present indications, not much dependence can be placed on any net income being available the present year.

The vote of the Town to increase its supply of water, has been carried into effect by the Commissioners, and the result shows an expenditure of \$48,461.88, which exceeds the estimates \$9,461.88, the increased size of the main pipe from fourteen to sixteen inches from the pond to the Pumping Station, over what was originally intended, and the increased cost of the

reservoir over estimates, account for the larger part of the increased cost of the system.

Under a vote of the Town, the Selectmen were authorized to negotiate a loan for \$39,000, on a limit of thirty years, \$1,300 becoming due, and payable annually as a sinking fund, to retire the loan at maturity.

The loan was awarded to the North Adams Savings Bank, as the highest bidder, at a premium of 2 per cent., which with the accrued interest between the date, and delivery of the bonds, amounting to \$39,858.00, has been credited to the account. An additional sum of \$4,000 from the balance standing to the credit of Water Works has been placed to the credit of the same account, leaving a deficiency of \$4,603.88, which the Selectmen recommended be provided for by including in the taxes the present year.

The sinking fund to provide for the loan becoming due in 1890, now amounts to \$8,257.95, the amount due this fund from balance of Water Works account, it was deemed advisable to apply to the overdraft on the double service, and trust to the income from the fund and Water Works for the remaining time to supply the balance.

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### *LIGHTING STREETS AND TOWN HOUSE.*

Dec. 31, 1886.

CR.

By balance from old account .....	\$292 99
Appropriation .....	1,800 00
Reimbursement .....	3 00
Appropriation.....	700 00
	<hr/>
	\$2,795 99

## CONTRA, DR.

To payment for electric lights.....	\$1,190 00	
Gas lights .....	890 49	
Kerosene oil and repairs.....	225 81	
	<hr/>	\$2,306 30

Undrawn..... \$489 69

The number of street lights has been increased by the addition of seven electric lights from Aug. 1, and the addition of three gas lights over the number discontinued by the electric lights in the south part of the Town. The present number of electric lights is fourteen, costing \$1,680 annually. Of gas lights, 43 costing \$806 annually, and thirteen lights burning oil or illuminating gas, costing \$170 annually. Gas furnished the town house and repairs, about \$150, making the whole cost for the year under the present method, about \$2,800. An appropriation of \$2,400, in addition to the balance to the credit of the account, will be required in case no change is made from the present method.

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CONTINGENT.

Dec. 31, 1886.

CR.

By balance from old account.....	\$129 28
Appropriation .....	3,000 00
Miscellaneous receipts.....	38 69
Sale of sewer rights.....	255 40
	<hr/>
	\$3,423 37

## CONTRA, DR.

To payments, viz :—

Services Town Clerk.....	\$167 35
Coal bills for town house.....	115 37
Postage and stationery .....	66 47



Janitor for town house .....	\$130 20
Expenses, Board of Health .....	371 89
Bills for printing .....	439 15
Bills for fires in the woods .....	322 10
Town Forester and labor trimming trees .....	135 55
Grand Army, Memorial Day .....	125 00
Services, Board of Registration .....	100 00
Legal services .....	87 00
Return of births .....	41 25
Return of deaths .....	40 00
C. G. Davis, rent of hall, two years .....	150 00
Odd Fellows, rent of hall .....	59 00
Tellers, etc., town meetings .....	13 20
Moderator, annual meeting .....	10 00
Guide boards and painting .....	31 26
Repairs, lock-up .....	12 64
Repairs in town house .....	91 06
Painting lamp-posts .....	17 70
Care town clock .....	25 00
Weston's Express .....	5 70
Land rent for pound .....	1 00
Surveying for sewers, etc .....	10 00
Inland fisheries .....	3 00
Labor on stand-pipes .....	4 00
Carriage hire .....	6 00
Shutting off water from stand-pipes and repairs on same, and drinking fountains .....	9 50
Sundries .....	40 02
Services of Selectmen .....	730 00
	<hr/>
	\$3,360 41
	<hr/>
Undrawn .....	\$62 96



*SCHOOLS.*

Dec. 31, 1886.

CR.

By balance from old account .....	\$239 78
appropriation .....	23,800 00
School fund from State Mass .....	82 85
appropriation, evening school .....	300 00
interest from Murdock fund.....	18 25
reimbursements.....	24 68
sale of school-house lot, Summer Street.....	100 00
	<hr/>
	\$24,565 56

DR.

To payments in 1887.....	\$23,677 61
	<hr/>
Undrawn.....	\$887 95

*POOR.*

To payments in 1887.....	\$8,657 88
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CR.

By appropriation.....	\$7,000 00
reinbursements.....	1,494 63
interest from Murdock fund....	18 25
	<hr/>
	8,512 88
	<hr/>
Overdrawn.....	\$145 00

*INSANE POOR.*

Dec. 31, 1886.

DR.

To balance from old account. ....	\$31 00
payments.....	3,200 86
	<hr/>
	\$3,231 86

CR.

By appropriation.....	\$2,000 00	
reimbursements.....	827 04	
	<hr/>	2,827 04
Overdrawn.....		<hr/>
		\$404 82

The present number of insane in the hospitals is seventeen, most of which are wholly supported by the Town. To provide for the present number for the year will require an appropriation of \$2,800, which is recommended.

*VINE HILLS CEMETERY.*

Dec. 31, 1886.

CR.

By balance from old account.....	\$459 93
sale of lots in 1887.....	253 35
	<hr/>
	\$713 28

DR.

To payments in 1887.....	111 24
Undrawn.....	<hr/>
	\$602 04

There have been sold during the year fifteen lots, from which has been received \$253.35. There is due for three lots sold, but not paid for, \$34.

*WATCH AND POLICE.*

Dec. 31, 1886.

CR.

By appropriation .....	\$1,250 00
balance from old account ..	41 18
reimbursement .....	100 00
	<hr/>
	\$1,391 18

CONTRA, DR.

To payments in 1887 .....	1,361 47
	<hr/>
Undrawn .....	\$29 71

*WARREN FUND*

Dec. 31, 1886.

CR.

By balance from old account .....	\$1,064 93
interest .....	50 00
	<hr/>
	\$1,114 93

CONTRA, DR.

To payments in 1887 .....	\$100 00
	<hr/>
Undrawn .....	\$1,014 93

*BURIAL HILL.*

DR.

To payments in 1887 .....	\$292 33
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CR.

By appropriation .....	\$150 00
reimbursement .....	100 00
	<hr/>
	250 00
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Overdrawn .....	\$42 33

The overdraft in this department was owing to the necessity which arose after the estimates for the year were made, of constructing a supporting wall and fence adjoining the land of Mr. Baumgartner, on the westerly side of the hill.

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*FIRE DEPARTMENT.*

DR.

To payments in 1887 ..... \$6,165 78

Dec. 31, 1886.

CR.

By balance from old account.....	\$649 42	
appropriation .....	2,400 00	
appropriation .....	2,500 00	
reimbursements .....	30 44	
	<hr/>	5,579 86
Overdrawn .....		<hr/> \$585 92

The overdraft in this department has been incurred in setting six additional hydrants on the new water pipes, re-lining two reservoirs and repairs on the engine house, which were not contemplated when the appropriation was made, and equals the overdraft.

An appropriation of \$3,200 for the expenses of the current year is recommended.

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*COLLECTOR OF TAXES.*

Dec. 31, 1886.

CR.

By balance from old account.....	\$8 99
appropriation .....	500 00
	<hr/> \$508 99

## DR.

To paid Collector, collecting \$1,615.75, taxes of 1885, \$5,561.95, taxes of 1886—\$7,177.70, at 1 per cent . . . . .	\$71 78	
Salary . . . . .	500 00	
	<hr/>	
	\$571 78	
Less 1 per cent on \$9,417.88, taxes of 1887, uncollected . . . . .	94 17	
	<hr/>	
		\$477 61
Undrawn . . . . .		<hr/>
		\$31 38

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*TREASURER.*

## CR.

By appropriation . . . . .	\$600 00
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## DR.

To payments in 1887 . . . . .	\$600 00
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*SEXTON.*

## CR.

By appropriation . . . . .	\$125 00
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## DR.

To payments in 1887 . . . . .	\$125 00
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*ABATEMENTS.*

Dec. 31, 1886.

## CR.

By balance from old account . . . . .	\$766 49	
overlay . . . . .	1,173 59	
	<hr/>	
		\$1,940 08

## DR.

To tax Isaac B. White, refunded . . . . .	\$264 96	
abatements, 1887 . . . . .	1,047 98	
	<hr/>	
		1,312 94
Undrawn . . . . .		<hr/>
		\$627 14

*ASSESSORS.*

Dec. 31, 1886. CR.

By balance of account .....	\$139 60
appropriation .....	675 00
	<hr/>
	\$814 60

DR.

To payments in 1887 .....	736 36
Undrawn .....	\$78 24

*DUXBURY & COHASSET RAILROAD SINKING FUND.*

CR.

By appropriation .....	\$1,500 00
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DR.

To payment on note at Plymouth Savings Bank .....	\$750 00
To payment on note at Plymouth Five Cents Savings Bank .....	750 00
	<hr/>
	\$1,500 00

*TRAINING GREEN FUND.*

Dec. 31, 1886. CR.

By balance from old account .....	\$732 07
income .....	29 71
	<hr/>
Undrawn .....	\$761 78



*MURDOCK FUND.*

CR.

By balance .....	\$730 00
interest.....	36 50
	<hr/>
	\$736 50

DR.

To payment to poor department.....	\$18 25	
payment to school department.....	18 25	
	<hr/>	36 50
Balance .....		<hr/>
		\$730 00

*SUPPRESSION OF LIQUOR TRAFFIC.*

CR.

By appropriation .....	\$1,000 00
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DR.

To payments in 1887.....	219 50
Undrawn.....	<hr/>
	\$780 50

*FRESH BROOK FISHERY.*

Dec. 31, 1886.

CR.

By balance from old account.....	\$4 92
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*GUIDE BOARDS.*

The guide boards of the Town are same as reported last year, with the additions as recommended, and are reported in good condition.

*APPROPRIATIONS.*

Schools.....	\$22,000 00
School books and supplies.....	1,800 00
Town debt and interest.....	2,500 00
Roads and bridges.....	10,200 00
Improvement of sidewalks.....	1,000 00
Fire department.....	3,200 00
Watch and police.....	1,425 00
Lighting streets and town house.....	2,400 00
Insane poor.....	2,800 00
New roads.....	2,000 00
Contingent.....	4,000 00
Poor.....	7,000 00
Assessors.....	825 00
Collector of Taxes.....	500 00
Treasurer.....	600 00
Duxbury & Cohasset R. R. sinking fund.....	1,500 00
Sexton.....	125 00
Burial Hill.....	250 00
	<hr/>
	\$64,125 00

*DEFICIENCIES.*

Fire department.....	\$585 92
Poor.....	145 00
Indigent aid.....	654 61
Insane poor.....	404 82
Copying town records.....	170 00
Water Works, double service.....	4,603 88
	<hr/>
	6,564 23
	<hr/>
	\$70,689 23

The revenue not otherwise appropriated is estimated as follows :

Corporation taxes .....	\$5,500 00	
Bank taxes .....	2,000 00	
Miscellaneous receipts .....	300 00	
	————	7,800 00
		<hr/>
		\$62,889 20

Leaving the sum of sixty-two thousand, eight hundred and eighty-nine and 20-100 dollars, which it is recommended be raised by taxation for the expenses of the current year, being \$251.78 in excess of last year.

WILLIAM H. NELSON,	} <i>Selectmen of Plymouth.</i>
L. T. ROBBINS,	
WINSLOW B. STANDISH,	
EVERETT F. SHERMAN,	
JOHN CHURCHILL,	

PLYMOUTH, February 11, 1888.

## VALUATION.

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Real estate .....	\$3,395,801 64
Personal property .....	1,763,154 60
	<hr/>
Total valuation .....	\$5,158,956 24

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Gain in real estate .....	\$163,054 60
Gain in personal .....	80,176 64

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Number of polls, 2,005.

Number of horses, 642.

Number of cows, 442.

Number of sheep, 35.

Number of dwelling-houses, 1,337.

Number of acres of land taxed, 50,790.

Rate of taxation, \$14.80 per \$1,000.

Number of persons paying property tax, 1771.

Number of persons paying poll tax only, 1120.

# REPORTS.

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## WATER COMMISSIONERS.

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NATHANIEL MORTON—Term expires March, 1888.  
EVERETT F. SHERMAN—Term expires March, 1888.  
CHARLES S. DAVIS—Term expires March, 1889.  
SAMUEL H. DOTEN—Term expires March, 1890.  
HORACE P. BAILEY—Term expires March, 1890.

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SUPERINTENDENT—Richard W. Bagnell.  
WATER REGISTRAR—William T. Hollis.  
CHIEF ENGINEER AT PUMPING STATION—W. A. H. Jones.

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Superintendent's office in rear of Engine House, Main Street.  
Rates payable at Town Treasurer's office, semi-annually, in advance, May 1 and November 1.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at Town House.

# REPORT OF THE WATER COMMISSIONERS

## FOR THE YEAR ENDING DECEMBER 31, 1887.

The receipts for the year have been—

From water rates .....	\$14,883 86	
From labor and material sold. ....	571 18	
	<u>          </u>	\$15,455 04

The payments have been for —

General expenses of maintenance and stock on hand .....	\$4,371 51	
Extension of water pipes by the depart- ment .....	369 76	
Shed at yard .....	280 15	
Expenses at the pump station .....	2,036 82	
Interest on water loan .....	4,000 00	
Interest on pump loan .....	570 00	
Net income for the year .....	3,826 80	
	<u>          </u>	\$15,455 04

Balance to credit of Water Works account Jan. 1, 1887	\$2,773 11	
Paid Water Scrip Sinking fund .....	2,500 00	
	<u>          </u>	\$273 11
Net earnings for 1887 .....	3,826 80	
	<u>          </u>	\$4,099 91
Balance to credit of Water Works account .....	\$4,099 91	
Received from sale on water bonds, premium and in- terest .....	39,858 00	
	<u>          </u>	\$43,957 91
<i>Amount carried forward .....</i>		



<i>Amount brought forward</i> .....	\$43,957 91
Cost of new reservoir . . . . .	\$12,478 26
Cost of double service . . . . .	35,983 42
	<hr/>
	\$48,461 68
Amount overdrawn on all the accounts of the department.....	4,503 77
	<hr/>
	\$48,461 68

The sum of \$4,000, premium on water bonds, which the Town voted last March to transfer to the Water Works account, has not been credited. With this credit, the balance overdrawn would be reduced to \$503.77.

*REPORT OF THE COLLECTOR OF WATER RATES.*

To—

Rates of 1886, brought forward . . . . .	\$110 50	
Labor and materials, brought forward . . . . .	25 35	
Rates charged in 1887 . . . . .	14,798 38	
Labor and material charged in 1887. . . . .	584 08	
Water charged in 1887 . . . . .	337 09	
	<hr/>	\$15,855 32

By amounts paid Town Treasurer—

Water rates collected . . . . .	\$14,883 86	
Labor and material collected . . . . .	571 18	
Abatements . . . . .	349 13	
Uncollected rates . . . . .	38 25	
Uncollected labor and material . . . . .	12 90	
	<hr/>	\$15,855 32

Water is supplied to 1,452 families, 385 water closets, 122 bath tubs, 128 stables, 122 horses, 110 cows, 161 hogs, 67 stores and offices, 7 boilers, 2 fish markets, 2 laundries, 1 bottling room, 1 motor for printing office, 1 motor for Hatch & Shaw, 4 churches, 5 saloons, 8 manufactories, 3 shops, 4 livery stables, 2 dentists, 6 barber shops, 3 hot-houses, 3 bakeries, 1 slaughter-house, 8 boarding-houses and hotels, county buildings, 10 urinals, 5 meat markets, 2 billiard-rooms, 2 engines, Old Colony Railroad, and 1 paint shop.

Very Respectfully,

W. T. HOLLIS,

*Collector of Water Rates.*

PLYMOUTH, January 2, 1888.

*GENERAL EXPENSES.*

Superintendent .....	\$700 00
Collector .....	461 00
Service pipe, plumbing, hardware and tools. ....	363 83
Express bills .....	26 35
Canvas and cloth .....	50 57
Gate and faucet boxes and castings .....	133 37
Lumber .....	39 85
Printing .....	63 15
Stationery and postage .....	36 22
Fuel, gas and kerosene .....	50 25
Rubber goods .....	13 75
Blacksmith work .....	21 35
Teaming .....	36 77
Wagon hire of Superintendent .....	283 00
Carriage hire .....	14 00
Telephone repairs and extensions .....	37 40
Telephone lease .....	40 00
Pump and diaphragm .....	60 40
Labor bills .....	1,367 97
Wrought-iron pipes, 4-inch .....	314 83
Wrought-iron pipes, 6, 12, 14, and 16-inch .....	75 48
Cement .....	244 30
Gates .....	88 46
Railroad freights .....	42 97
Repairs on wall at Little South Pond .....	76 00
New shed at yard, rear of fire engine-house. ....	280 15
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	\$5,021 42

*PUMP STATION EXPENSES.*

Salary of engineer and extra pumping.....	\$656 09
194 tons of coal.....	984 81
Wood.....	2 50
Machine oil.....	43 75
Plumbing and hardware.....	81 43
Alterations and repairs to boilers.....	69 14
Two gages and repairs.....	24 50
Hancock inspirator.....	19 50
Hartford boiler insurance and inspection.....	37 50
Repairs to building.....	37 22
Fuel for house, and kerosene.....	50 38
Fire hydrant.....	30 00
Interest on pump loan.....	570 00
	<hr/>
	\$2,606 32

*HIGH AND LOW SERVICE EXPENSES.*

## Paid—

Goodhue & Birnie, on contract.....	\$31,260 81
Goodhue & Birnie for extra work.....	\$180 12
less our contra charges	167 00
	<hr/>
	13 12

## Paid for—

35 gates and one check valve.....	1,058 53
One cast iron cross on Summer Street.....	19 80
One cast iron cross on Samoset Street.....	7 75
Iron valve-boxes.....	141 59
Paving, and town teams.....	49 20
Railroad freights.....	66 89
Frank Bartlett and Joseph Barnes for superin-	
tendence of lining and laying pipes.....	399 47
Walter H. Sears, Engineer.....	200 00

Labor of Water Works department on connections, service pipes, blow-offs, etc. ....	\$520 84
Wagon hire of Mr. Bagnell.....	150 00
Plumbing, blacksmithing and carpentering .....	286 68
Carting.....	50 80
Rights of way of Samuel W. Holmes.....	50 00
Searching title and expense on contract.....	13 75
American Bank Note Co., engraving bonds.....	75 00
Well-room and head-house, stock and labor.....	365 90
Labor of widening and grading the road on the line of the pipe.....	1,253 29
Total.....	<u>\$35,983 42</u>

#### *NEW RESERVOIR EXPENSES.*

Amount paid in the year 1887.....	\$7,224 06
Expenses for reservoir paid in 1886.....	5,254 20
Total cost of reservoir.....	<u>\$12,478 26</u>
Paid as follows—	
Labor and teams .....	\$7,182 33
David Clark, foreman.....	645 00
Cement and cartage.....	1,623 85
Land.....	300 00
Surveying for locations.....	9 50
Engineering.....	600 00
Hardware, tools and ice.....	226 16
Lumber and carpenter work.....	127 82
Use of roller.....	50 00
Two-inch pipe from pump to reservoir.....	109 54
Traveling, telegraph and sundry expenses.....	10 00
Brass and copper-pipe screens.....	23 70
Carried forward .....	<u>\$10,907 90</u>

<i>Brought forward</i> .....	\$10,907 90
Cast iron pipe, connecting with pump.....	251 36
Three valves.....	161 04
Iron shell for cement pipe.....	466 20
Labor and materials on inlet and outlet pipes.....	691 76
	<hr/>
	\$12,478 26

The cost of the reservoir and the new mains and extensions exceeded the appropriations by \$8,603.68.

The cost of labor in the construction of the reservoir was much more than the estimates; \$1,500 of reservoir expenses was in the connecting pipes.

In the original estimates for the mains, the pipes from the pond to the pump station was to be fourteen inches in diameter; the pipe laid is sixteen inches in diameter, at an added cost of \$1,500. Widening and grading the road on the route of the pipe cost \$1,250. A large part of this outlay was a needed improvement to the road.



## SUMMARY OF STATISTICS.

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### *Plymouth, Mass., Water Works.*

Population by census of 1885 : 7,239.

Date of construction : 1855. By whom owned : Town.

Source of Supply : Great and Little South Ponds and Lout Pond.

Mode of Supply : Gravity for low service, and pumping for high service.

### *PUMPING.*

1. Builders of pumping machinery : Worthington.
2. Coal :  $\left\{ \begin{array}{l} b. \text{ Bituminous.} \\ d. \text{ Brand, various.} \\ e. \$5.07 \text{ per ton.} \end{array} \right.$
3. Coal for year : 496,510 pounds.
4. Total fuel : 496,510.
5. Total water, pumped : 214,809,418 gallons.
6. Average static head : 35 feet.
7. Average dynamic head : 90 feet.
8. Number of gallons pumped per pound of coal : 433.
9. Duty of pump : 32,474,061.

### **Cost of Pumping, figured on Pumping Station**

**Expenses, viz. : \$2,184.39.**

10. Per million gallons against dynamic head into direct pipe : \$10.17.
11. Per million gallons raised one foot high (dynamic) : \$0.11  $\frac{30}{100}$ .

### **Cost of Pumping, figured on Total Maintenance, viz. : \$10,738.99.**

12. Per million gallons raised against dynamic head into direct pipe, \$49.99.
13. Per million gallons raised one foot high, (dynamic) : \$0.55  $\frac{54}{100}$ .



## CONSUMPTION.

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1. Estimated total population at date : 7,500.
  2. Estimated population on lines of pipe at date : 6,500.
  3. Estimated population supplied at date : 6,400.
  4. Total number of gallons consumed for year : 214,809,418.
  7. Average daily consumption : 588,519.
  8. Gallons per day to each inhabitant (1) : 78.
  9. Gallons per day to each consumer (3) : 92.
  10. Gallons per day to each tap (Distribution, 22) : 447.
- 

## DISTRIBUTION.

### MAINS.

1. Kind of pipe used : wrought iron, cement-lined.
2. Sizes from 2-inch to 20-inch.
3. Extended 21,015 feet.
4. Discontinued 1,203.
5. Total now in use :  $27\frac{1}{2}$  mls.
6. Cost of repairs per mile, \$13.35.
7. No. of leaks per mile : 1.82.
8. Small distribution pipes, less than four inches : total length,  $7\frac{2}{3}$  miles.
9. Hydrants added : 8.
10. Number now in use : 75 public, and 8 private.
11. Stop gates added : 35.
12. Number now in use : 217.
13. Small stop gates—less than 4 inches : total, 90.
14. No. of blow-off gates : 21.

### SERVICES.

16. Kind of pipe : lead and cement-lined.
17. From  $\frac{1}{2}$  inch to 1 inch.
18. Extended 660 feet.
20. Total now in use : 5 miles.
21. Service taps added : 33.
22. Number now in use, 1,317.
23. Average length of service : 20 feet.
24. Average cost of service : \$5.33.
27. Motors and elevators added, 0.
28. Number now in use : 2.

*WATER SUPPLY—PUMPING WORKS.*

By the pumping record of Mr. W. A. H. Jones, the Engineer, the number of gallons of water pumped during the year was 214,809,418, which is 332,367 gallons more than was pumped in the year 1886. This small increase in the amount of water pumped was due in part to the fact that the woolen mill, in the latter part of the year used less water than before; and further, that since the 20th of December only a small part of the water used by the Town was pumped.

Water is now pumped for the high service only.

A large reduction of pumping expenses for the year 1888, under the divided service, is already indicated.

The pumps now work at very uniform pressure, averaging about sixty-four feet forcing head, but not exceeding sixty-eight feet, and that when the reservoir is full. This is about fifteen feet less than the former average pressure, which varied from sixty to ninety-five feet. The water flows by gravity from Little South Pond to the pumps, avoiding the former suction-lift. The pumps run more steadily than before, and can be run much faster with less wear on the machinery.

The property under the care of the Engineer is kept in good condition.

## PUMPING RECORD FOR 1887.

Months.	Hours Run.	Coal used, pounds.	Gallons Pumped.	Average head, feet.
January,	351 $\frac{3}{4}$	49,035	19,681,518	81.2
February,	320 $\frac{1}{2}$	42,240	17,503,552	79.5
March,	359	45,225	19,000,504	77.03
April,	345 $\frac{1}{2}$	39,160	18,204,716	76.
May,	360	37,075	18,009,559	72.97
June,	350 $\frac{1}{2}$	40,205	17,519,425	86.07
July,	368 $\frac{1}{2}$	51,180	21,205,184	89.93
August,	384	50,140	21,322,036	84.16
September,	341	40,355	17,978,004	78.96
October,	362 $\frac{1}{2}$	39,760	18,299,456	72.09
November,	311	34,025	14,737,484	66.24
December,	199	28,110	11,347,980	64.17
Totals,	4,053 $\frac{1}{4}$	496,510	214,809,418	77.36

Snuction is not included in the above.

### *THE NEW RESERVOIR.*

The reservoir begun in 1886 was not finished until the Fall of 1887.

The location selected for the reservoir is very desirable on account of the shortness of the pipe (about 600 feet) connecting it with the pump, and is very convenient for taking care of the reservoir.

An abundance of good sand and gravel being found upon the lot, it was decided to line the reservoir with cement concrete.

The formation of the ground favored the construction of a circular reservoir. The bottom of the reservoir was made 100 feet in diameter, with sides sloping outward one and one-half feet to each one foot rise, to a height of nine and one-half feet; then a level shelf about ten feet wide, and an upper slope of two feet outward to each one foot rise, to a height of five and one-half feet. More than one-half the bottom and sides of the reservoir thus formed were of the natural earth undisturbed; the other parts were built of sand and gravel thoroughly puddled, and rolled or rammed. The surface of the bottom and of the two slopes and shelf were covered with a layer of concrete five inches thick, made of one part cement, two parts of sharp sand and six parts of gravel, and coated with a layer about three-quarters of an inch thick of cement and sand in equal parts, each layer thoroughly rammed.

The reservoir was then filled with water and found to be tight.

The embankment was then carried up four feet higher than the concrete, making nineteen feet height of bank, and the shelf and upper slope were covered with earth and paved with cobble stones, making a continuous slope from the bottom of the reservoir to the top of the embankment.



The top and outside slopes were covered with soil.

The concrete on the bottom and sides of the reservoir to a vertical height of nine and a half feet is not covered with earth.

The capacity of the reservoir is about 1,370,000 gallons, and when full of water the depth is fifteen feet, and the surface of the water 164 feet and eight inches above sea-level, or about sixty feet above South Pond.

As a matter of engineering it is considered safer to have but one pipe through an embankment of a reservoir, but in consideration of the probability that at some time it may be desirable to connect the reservoir more directly with the south part of the Town, the little expense of placing an outlet in a part of the embankment while building it, and the convenience of a waste gate at present, an outlet pipe of cement ten inches in diameter was laid in the easterly embankment.

Having an outlet pipe, the pipe from the pump to the reservoir did not need to enter at the bottom of the reservoir.

The top of the 14-inch cement pipe where it enters the reservoir is about nine feet above the bottom of the reservoir, but bends downward on the inside slope, so that all but two feet depth of water can be siphoned out, if it should be necessary to use the water. The siphon has been tested and found tight.

Good roads lead to the reservoir on the east and west sides, passing over the top of the embankment.

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#### *NEW MAINS—HIGH AND LOW SERVICE.*

At the Town Meeting, March 7, 1887, it was voted, "That the Water Commissioners are hereby authorized to lay pipes and make such changes in the present water system as may be necessary to complete the high and low service, substantially as recommended in their report." At the Town Meeting, April 4, it was voted, "That all labor on the Plymouth Water Works

from this day forward, such as digging, trenching, etc., and in all contracts for such Works, it shall be specified that the laborers of the Town shall have preference over all others, and that the compensation shall not be less than two dollars per day for ten hours."

Walter H. Sears, C. E., was engaged as Engineer on the Works, but the superintendence of the lining and laying of pipes was in charge of the Commissioners. Mr. Sears continued to superintend the construction of the reservoir.

In conformity with the vote of the Town, proposals were issued for this work, requiring the contractor, in the employment of men for the labor of trenching and filling, to give town laborers the preference, and to pay not less than two dollars per day for ten hours.

Before the execution of the contract, a prayer for an injunction was brought by inhabitants of the Town in the Supreme Court, which decided that the vote as to two dollars per day for labor was illegal.

The Commissioners therefore deemed it to be their duty to make a contract without limit as to price to be paid for labor.

The contract for laying nearly four miles of cement pipe was made with Messrs. Goodhue & Birnie of Springfield, May 23, 1887.

At a Town Meeting, July 2, it was voted, "That the Water Commissioners be instructed to make such an arrangement with the contractors for the system of Water Works, voted at the last meeting of the Town, that the labor of trenching, back-filling, etc., shall be separated from the contract, and the same be performed by the Town, under the direction of the Water Commissioners."

Messrs. Goodhue & Birnie were informed of the vote of the Town, and replied as follows :

SPRINGFIELD, July 5, 1887.

N. MORTON, *Chairman.*

*Dear Sir,*—We have received your favor of the 2d inst., informing us of certain votes passed at Town Meeting, last Saturday. We reply that as we are performing the contract entered into by us with your Board under date of May 23 last, we shall continue according to its terms, until we have fully completed it; having incurred large expense already, and intending to do our part faithfully and fully. We cannot consent to any modification of the contract, and we shall rely upon full performance by the Town on its part.

Yours truly,

GOODHUE & BIRNIE.

Under these circumstances, an amicable arrangement of the matter with the contractors could not be made; and the Commissioners were of the opinion that it would subject the Town to very heavy liabilities, if they should insist upon such a change in the contract.

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#### LOW SERVICE.

The new pipes laid are sixteen, fourteen, ten, six and four inches in diameter. The sixteen-inch main is 7,515 feet long, and conveys water from Little South Pond to the Pump Station. At that point a fourteen-inch branch from it supplies what water the pump needs, in addition to what is furnished by the old ten-inch pipe, for the high service.

The sixteen-inch pipe has also a ten-inch branch into Lout Pond, to be used if it should be desirable to make that pond a storage reservoir.

From the Pump Station the new main is fourteen inches in diameter, and carries water from the sixteen-inch main, for the low service, to the junction of Summer and High Streets, a dis-

tance of 7,657 feet, and there connects with the old eight-inch pipe, which leads down Summer Street to the centre of the Town ; and with the old ten-inch pipe, which leads to the Allerton Street reservoir, a ten-inch branch of which leads through Russell Street, connecting with the main pipe in Court Street.

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### *HIGH SERVICE.*

The old ten-inch main from the pond furnishes by gravity the most of the water needed to supply the pump. The water is forced through a fourteen-inch pipe into the high service reservoir, and into the old ten-inch main which carries the high service supply to the Town. This supply is carried to the north part of the Town by a six-inch pipe leading from Summer Street through Oak, Samoset and Allerton Streets. One thousand six hundred and seventy-seven feet of six-inch pipe was laid in Allerton Street. At the junction of Summer and High Streets, the old ten-inch pipe is connected with a new ten-inch pipe, 1,121 feet long, running down Summer Street and Mill Lane, connecting on Spring Hill with the old eight-inch pipe, carrying high service to all water-takers south of Town Brook.

The new ten-inch pipe in Summer Street has an eight-inch branch, reduced to a six-inch pipe, connecting with High Street and Bartlett Street pipes, and leading through Russell Street, on the easterly side of the old pipe, 1,646 feet to the front of the Court House, there connecting with a four-inch pipe leading to School Street ; also branching at Seaver and Allerton Streets, and connecting with the other high service pipes in Oak and Samoset Streets.

Seven hundred feet of four-inch pipe was laid in Allerton Street, between Russell Street and Samoset Street.

### CONNECTIONS.

The pipes of the high and low services are connected by gates as follows :

A fourteen-inch gate at the Pump Station.

A ten-inch gate on Summer Street, corner of High Street.

A two-inch gate on Spring Street, near Summer Street.

An eight-inch gate on Spring Hill.

A four-inch gate with five-eighths inch by-pass, on High Street, near Market Street.

A four-inch gate in Town Square.

A four-inch gate in Russell Street, near the north corner of the Court House.

A two-inch gate on Vernon Street, near Court Street.

A six-inch gate on Samoset Street, corner of Allerton Street.

A four-inch gate on Cushman Street, near Court Street.

A six-inch gate on Court Street, near Allerton Street.

The supply can be made all high service by opening one gate at the Pump Station, or one gate on Summer Street.

It can be made all low service by closing one gate at the Pump Station.

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### WELL-ROOM.

No new connection was made with Little South Pond, but a new well-room was built near the pond, five feet by six and one-half feet inside, and eight feet deep, into which the old twenty-inch pipe from the pond enters; the five feet of cove of the old pipe being removed. Since the original Works were built, the twenty-inch cement pipe has been extended into the pond by the addition of about eight feet of eighteen-inch concrete pipe.

A piece of eighteen-inch concrete pipe was built into the well-room on the side next the pond, to admit of making another connection with the pond at any future time. The bottom of the well-room is of concrete about one foot thick; the sides are brick, sixteen inches thick, laid in cement.



*LOCATION OF PIPES.*

The old ten-inch pipe and the new sixteen-inch pipe lead from the well-room, the latter on the westerly side of the former, and it continues on the same side to a point about 2,550 feet below the sixteen-inch gate at Small Gains Swamp, where it crosses over the old pipe and continues on the easterly side of the old pipe to a point about 250 feet above Deep Water Bridge, where it again crosses over the old pipe and continues on the westerly side of the old pipe to the junction of Summer and High Streets. Instead of following the line of the old pipe across the marsh at the homestead of Samuel W. Holmes, the pipe was laid on the upland. The old pipe crosses the brook below Deep Water Bridge; the new pipe crosses above the bridge. At one place in the curve below the Plymouth Mills Rivet Werks the two pipes are less than two feet apart. At all other places, except as above named, the distance between the old and new mains, is supposed to be not less than three feet, and is usually from four feet to six feet.

It is worthy of note, that in laying the new pipe so near the other, for a distance of nearly three miles, only one leak was found in the cement pipe, laid thirty-two years ago.

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*DEPTH OF PIPES.*

The new pipe, where it leaves the well-room at the pond, has six and a half feet of covering of earth, the same as the old pipe, and is laid on a level or descending grade to Small Gains Swamp, and the most of the way to Deep Water Bridge, the usual depth being about the same as the old pipe.

At Small Gains Swamp the old pipe was found to be about two feet under water. The new pipe was laid above the water, and has but little covering for a distance of four hundred feet.

The top of the pipe at the middle of the brook at Deep Water Bridge is seven and a half feet below the level of the top



of the stone stringer of the bridge. At the top of Benson's Hill the pipe has eight feet covering. Near the foot of the hill, on the northerly slope the covering is two and a half feet.

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### *SHELL.*

The sixteen-inch pipes were laid in pieces about nine feet long, each pipe being made of three pieces of 14-Birmingham gauge-iron, double-riveted lengthwise, then forced together by great pressure and cross-riveted. More than half the pipes have two rows of cross rivets.

The fourteen-inch pipes were made in nine feet lengths, of one piece of 14-Birmingham gauge-iron, double-riveted lengthwise, except about 180 feet of single riveted, which was laid on Summer Street near the junction of Billington Street. The ten-inch, six-inch and four-inch pipes laid, were all single-riveted and in nine-feet lengths.

The work was completed and water let into the pipes on the twentieth day of December.

The pipes seem to be in good working order.

---

### *LEAKS.*

The liability of leaks in the old ten-inch main is much lessened. The same is the case with all pipes throughout the district under low service.

A pressure of ten to fifteen pounds per square inch is brought upon the pipes in the high service district, in excess of the pressure the pipes had formerly when the pump was running. This extra pressure has found some weak spots in the pipes, but no more than might have been expected in pipes thirty-two years old. The pressure upon all the pipes is more steady than formerly, so that after the weak spots in the old pipes have been repaired, the liability of leaks will be less than when the pump was supplying water for all parts of the Town.

*IRON PIPE.*

In connecting the pump with the new reservoir, about thirty-three feet of cast-iron pipe, with an inside coating of cement, was laid from the twelve-inch pumping main through the basement of the Pumping Station, to the outside of the building, there having an eighth-bend and a Y of cast-iron connecting with the fourteen-inch cement pipe leading to the reservoir; one branch of the Y leads to the pipes connecting with the Town.

In making this connection with the twelve-inch pumping main, a twelve-inch cast-iron elbow was removed, and a double elbow with twelve-inch and fourteen-inch branches put in place. The twelve-inch elbow had been in use six years. Rust had collected on the inside of the pipe to the thickness of one-half an inch, reducing the capacity of the pipe to five-sixths its former size.

It may be necessary, for the greatest economy in pumping expenses, to remove the rust from the other parts of the main connecting with the pump.

July 2, the Town voted "That the Water Commissioners be instructed to take up the two-inch water pipe now laid on Vernon Street, Robinson Street, and Highland Place, and replace the same with four-inch pipes."

The Commissioners were of the opinion that under the divided service soon to come into operation, an abundant supply of water would be furnished to takers on Vernon Street and Highland Place, without any change in the pipes. Under the divided service all complaints of an insufficient supply have ceased.

The relaying of pipes on Robinson Street has been deferred to next Spring.

### RECOMMENDATIONS.

The Commissioners recommend to the Town to lay such new pipes and take up such two-inch and three-inch pipes as may be necessary to carry sufficient water for high service supply to the territory south of Winter Street, in pipes through Pleasant, South and Whiting Streets, and to carry low service supply from Spring Hill, through Sandwich Street to Winter Street. The estimated cost is \$800.

Respectfully submitted,

NATHANIEL MORTON,	}	<i>Water</i> <i>Commissioners.</i>
CHARLES S. DAVIS,		
H. P. BAILEY,		
SAMUEL H. DOTEN,		
EVERETT F. SHERMAN,		

## SUPERINTENDENT'S REPORT.

OFFICE OF THE PLYMOUTH WATER WORKS, }  
PLYMOUTH, January 2, 1888. }

TO THE BOARD OF WATER COMMISSIONERS:

GENTLEMEN—In accordance with my duty, I hereby submit my fourteenth annual report of the Plymouth Water Works.

### CONSTRUCTION ACCOUNT.

There has been laid during the year 1887 the following amount of wrought iron and cement-lined water pipes:

No. of feet.	Size	COST.	WHERE LAID.
595	14	In double service	From pump to reservoir.
36	10	" " "	To connect with old 10-inch from reservoir pipe.
43	10	" " "	For blow-off on 16-inch pipe at pump.
9	6	" " "	For blow-off at Small Gains.
6	4	" " "	For blow-off at Mill Lane.
10	4	" " "	For by-pass at pump on reservoir pipe.
63	4	" " "	For blow-off below Charles Cromwell's house.
47	4	" " "	For blow-off at pump on reservoir pipe.
100	4	" " "	For blow-off at Plymouth Mills.
420	4	\$255 22	Mt. Pleasant St., between Sandwich and Whiting.
265	3	114 54	Extension on Centennial Street.
1,594			

There has been disconnected 420 feet of two-inch pipe on Mount Pleasant Street; 323 feet of two-inch pipe on Allerton Street, from Russell Street to house of N. C. Lanman; 260 feet of two-inch pipe on Allerton, between Cushman Street and house of J. H. Burtch; and 200 feet of one-inch iron pipe on Allerton, from house of J. H. Burtch to house of R. S. Douglass, the services have been connected to the six-inch high service pipe.

*SERVICE PIPES.*

The street mains have been tapped for new supplies in thirty-three places, at a cost of \$175.85, making a total number of taps to date, 1,317, the street length of service pipes being 26,340 feet.

Seven leaks have occurred the past year in service pipes. Cost of repairs, \$23.74.

In seven cases galvanized iron service pipes have been replaced by lead, at a cost of \$21.75.

*STREET MAINS.*

The past Summer has subjected the street mains to a severe test. We have had more breaks the past year than ever before, caused by frequently shutting and opening the gates in order to make the required connections to the new system. The high service was put on December 20, and there were many breaks, and it was expected, as there must be some weak places in a pipe that has been laid thirty-two years that had never been exposed to such high pressure.

The cost of all repairs on main and distributing pipes has been \$385.64.

Leaks and obstructions have occurred as follows:

NUMBER.	SIZE OF PIPE.	COST.
8	10 inches.	\$77 93
4	8 "	28 45
2	6 "	22 85
24	4 "	159 66
1	3 "	7 49
16	2 "	89 26
55		\$385 64



*GATES.*

Thirty-nine new gates, from two to sixteen inches, have been set the past year. Thirty-five have been set on the new system, one four-inch was set on the extension on Mount Pleasant Street. The cost is included in the cost of the extension. One two-inch set on Davis Street, junction of Oak Street, at a cost of \$9.45; one two-inch set on Bartlett Street, junction Russell, at a cost of \$12.80; and one old four-inch gate taken out on High Street and replaced by a new one, at a cost of \$17.52.

*RESERVOIR.*

The reservoir is in good condition, and nothing has been expended on it this year.

*BOXES.*

Forty two service and ten gate boxes have been replaced by new ones, at a cost of \$72.32.

*NEW TAKERS.*

There have been added to the water-takers this year, twenty-six families, thirty-four water closets, fifteen bathing tubs, one fountain, one restaurant, one green house, one straw factory, and one fish market.

*LABOR.*

Whole amount expended for labor during the year :			
	for labor on extensions. . .	\$163 95	
	for all other labor. . . .	1,204 02	
		<hr/>	\$1,367 97
Amount received for labor, trenching . . .	\$239 34		
	for shutting off services.	78 50	
		<hr/>	317 84
Total cost of labor during the year, less refunded . . .	\$1,050 13		



### SCHEDULE

Showing the number of feet of each size pipe, and the number  
and size of gates on the Works, December 31, 1887:

SIZE IN INCHES.	LENGTH OF PIPE IN FEET.	NUMBER OF GATES.
20	56	
16	7,515	2
14	8,252	6
12	64	2
10	19,685	16
8	4,616	9
6	11,524	17
4	53,395	75
3	9,562	13
2	28,565	70
1	1,290	7
Totals,	144,524	217

The street length of service pipes being 26,340 feet, with the main and distribution pipes, make a total of 170,864 feet of pipe, or thirty-two miles and 1,904 feet.

Yours respectfully,

R. W. BAGNELL, *Superintendent.*

*LOCATION AND SIZE OF MAIN AND DISTRIBUTING PIPE LAID TO DEC. 31, 1887.*

Streets.	Size of pipe.	Between what Street or Place.	
Atlantic,	2 inch.	Court and house of Henry Voght.	
"	1 "	Atlantic and house of C. G. Davis in field.	
Allerton,	6 "	Samoset and Court.	
"	8 "	Reservoir and Vernon Street, woolen mill pipe.	
"	3 "	Samoset and Cushman.	
"	6 "	Vernon and Samoset, woolen mill pipe.	
"	3 "	Samoset and house of E. S. Diman, Jr.	
"	4 "	Samoset and Russell.	
Alley,	2 "	Middle and Carver.	
Allen Court,	1 "	South Street and house of Ellis Barnes.	
Bourne,	3 "	Court and Plymouth Cordage Company's block.	
Bartlett,	2 "	High and Russell.	
Bradford,	2 "	Sandwich and house of Charles Burton.	
"	2 "	Union and house of Timothy Hartnett.	

Brewster,	4 inch.	Court and Water connected with sixteen feet on Water Street.
Court,	8 "	Main and Samoset.
"	6 "	Samoset and Woolen Mill Avenue, woolen mill pipe.
"	6 "	Samoset and house of William Gooding.
Cherry,	4 "	House of William Gooding and Kingston line.
Centennial,	4 "	Court and land of Plymouth Cordage Company.
Cushman,	3 "	Court and land of C. G. Davis.
"	4 "	Court and house of J. W. Mixter.
"	2 "	Between J. W. Mixter's and Allerton Street.
Chestnut,	2 "	Davis and Samoset Streets.
Chilton,	2 "	Court and house of B. L. Bramhall.
"	3 "	House of B. L. Bramhall, 322 feet.
"	4 "	{ From end of three-inch to Water Street, and connecting with sixteen-feet
"	4 "	{ of pipe on Water Street.
Carver,	2 "	North and Leyden.
Church,	2 "	Town Square and house of Charles B. Harlow.
Cross Road,	3 "	From South to house of R. E. Caswell.
Cliff Road,	4 "	Warren and Sandwich road.
Chiltonville,	4 "	South District road and house of Mrs. Richard Harlow.
"	4 "	Terry's Corner and store of Plymouth Woolen and Cotton Factory.
Davis,	2 "	Davis and Vine Hills Cemetery.

Size of pipe.

Streets.	Size of pipe.	Between what Street or Place.
Emerald,	2 inch.	Water and Bradford Streets.
Edes,	2 "	Russell and house of J. C. Barnes.
Franklin,	4 "	Pleasant and Mayflower.
Fremont,	4 "	Sandwich and Union.
"	3 "	Union and house of Charles Burton.
"	2 "	End of three-inch pipe to house of C. B. Rice.
Force pipe,	12 "	Pump and main line.
"	14 "	Pump and new reservoir.
Hall,	2 "	Court and land of Mrs. James Hall.
Highland Place,	2 "	Davis and house of Adam Nichol.
Howland,	4 "	Court and house of Charles Finney.
Howland Court,	2 "	Howland and land of John Churchill.
High,	6 "	Summer and Russell.
"	4 "	Market and Russell.
"	10 "	Summer and Russell.
Jackson Place,	3 "	North and land of William H. Whitman.
Lothrop,	2 "	Court and Murray Streets.
"	3 "	Murray and Woolen Mill Village.
Leyden,	4 "	Main and Water.
Main Line,	20 "	Pond and Gate House.

"	"	10	inch.	Gate House and Summer Street.
"	"	16	"	Gate House and Pump Station.
"	"	14	"	Pump Station and Summer Street.
Market,		8	"	Sandwich and Main Street.
Main,		8	"	Leyden and Court.
Murray,		2	"	Lothrop and residence of John Murray.
"		3	"	Residence of John Murray and land of Timothy Lynch.
Middle,		4	"	Main and Carver.
Mayflower,		4	"	Robinson and Washington.
"		2	"	Washington and residence of Thomas Pierce.
"		3	"	Residence of Thomas Pierce and South Street.
Massasoit,		2	"	Mayflower and Sagamore.
Mount Pleasant,		4	"	Sandwich and house of C. H. Eaton.
Morton Place,		1	"	Pleasant and stable of E. F. Erland.
Nelson,		4	"	Court and residence of John O'Brien.
North Depot Avenue,	6	"	"	Court and Railroad Station.
North Green,	2	"	"	Sandwich and Pleasant.
North,	4	"	"	Court and Water.
Oak,	6	"	"	Summer and Samoset.
Pleasant,	6	"	"	Sandwich and Franklin.
"	4	"	"	Franklin and Washington.

Streets.	Size of pipe.	Between what Street or Place.
"	2 inch.	Washington and South.
Russell,	10 "	High and Court.
"	6 "	High and School Street branch, below Court House.
Robinson,	2 "	Pleasant and Sagamore.
"	4 "	Sagamore and Mayflower.
"	1 "	Mayflower and residence of J. F. Schubert.
Stoddard,	10 "	Russell and the Reservoir.
Summer,	10 "	Billington and intersection of High.
"	14 "	Billington and intersection of High.
"	8 "	High and Market.
"	10 "	High and Market, <i>via</i> Mill Lane.
Spooner,	3 "	Court and land of Charles Spooner.
Samoset,	4 "	Court and house of Silas D. Brown.
"	6 "	Allerton and Court, woolen mill pipe.
"	6 "	House of Silas D. Brown and Oak.
"	4 "	Chestnut and house of William B. Taylor.
"	4 "	House of William B. Taylor, 174 feet.
"	3 "	End four-inch pipe to house of Peter M. Nelson.
Summer,	4 "	Billington, (through land of H. I. Seymour) and house of E. S. Paulding.
"	2 "	Main pipe into Oak Grove Cemetery.



South Russell,	2 inch.	School Street and house of William Thomas.
School,	4 "	Market and South Russell.
Stafford,	3 "	Mayflower and house of Emanuel Fratus.
"	4 "	House of Emanuel Fratus and land of Samuel Barnes.
Spring,	2 "	Summer and High.
"	4 "	Summer and factory of Loring & Parks.
Sandwich,	6 "	Pleasant and South Green Street.
"	4 "	South Green and Wellingsley Corners.
South Green,	2 "	Sandwich and Pleasant.
Sagamore,	2 "	Robinson and Massasoit. From Robinson about 100 feet.
"	2 "	Massasoit and Jefferson. From Massasoit about 150 feet.
South,	2 "	Sandwich and house of J. F. Towns. (Clark House).
"	3 "	Clark House and land of E. F. Sherman.
"	3 "	Mount Pleasant and house of Thomas Caswell. From South Street.
Sandwich Road,	4 "	Sandwich Street and house of Mrs. Nathaniel Bartlett.
"	2 "	House of Mrs. Nathaniel Bartlett and house of William Beckman.
"	2 "	Cliff Road and house of J. F. Howland.
"	2 "	Cliff Road and South District Road.
South District Road,	3 "	Warren Street and stable of Reuben Leach.
"	2 "	Stable of Reuben Leach and house of Ellis Whiting.
"	4 "	House of Ellis Whiting and house of Mrs. Jerusha Doten.

Streets.	Size of Pipe.	Between what Street or Place.
Suction Pipe,	12 inch.	Pump and Main Line.
South Depot Avenue,	2 "	North Avenue and South Avenue, and block of C. G. Davis.
Sever,	3 "	Russell and house of R. Bramhall.
Seaside,	2 "	From Court up Wadsworth's Lane.
"	4 "	Court and Cordage Company's rope-walk.
"	4 "	Court and Cordage Company's factory.
"	2 "	Court and Cordage Company's boarding-house.
Union,	2 "	Water and house of R. Swinburn.
"	4 "	House of R. Swinburn and hydrant.
"	2 "	Hydrant and house of Mrs. McGlue.
"	3 "	Mrs. McGlue's house and Fremont Street.
Vernon,	2 "	Court and house of Myles S. Weston.
"	4 "	House of Myles S. Weston and Allerton Street.
"	2 "	Allerton and house of Thaddeus Faunce.
"	4 "	House of Thaddeus Faunce and Highland Place.
Water,	4 "	North and Leyden.
"	2 "	Sandwich and Town Brook.
Winslow,	2 "	North and Brewster.
Williard Place,	2 "	Summer and Town Brook.
Washington,	2 "	Pleasant and Mayflower.

Whiting,	4	inch.	South and Mount Pleasant.
Winter,	2	"	Sandwich and house of Thomas Bartlett.
"	1	"	House of Thomas Bartlett and house of Miss L. M. Holmes.
Warren,	4	"	Sandwich and Clifford House stable.
Wharf,	2	"	Sandwich and Helen Morton's stable.
"	1	"	Helen Morton's stable and head of Morton's wharf.
"	2	"	Water Street and J. R. Atwood's wharf, thirty-four feet.
Woolen Mill Ave.,	4	"	Court Street and woolen mill, woolen mill pipe.
"	4	"	Depot Avenue and Woolen Mill Avenue, through land of O. C. R. R.
"	6	"	Woolen Mill Avenue and north end of mill, ninety-six feet.
"	3	"	From Court Street through land of woolen mill to connect with four-inch pipe.

## Plymouth Water Scrip Sinking Fund.

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TO THE SELECTMEN OF PLYMOUTH.

GENTLEMEN: We respectfully submit the following statement of the condition of the Sinking Fund of the Plymouth Water Scrip:

To amount received from Town Treasurer . . . . .	\$6,838 53
To income received from the same . . . . .	1,419 42
	<hr/> \$8,257 95

The amount is invested as follows—

Plymouth Savings Bank . . . . .	\$581 20
Bond of Chicago & Eastern Illinois Railroad Co., 6 per cent . . . . .	990 00
Bond of Oregon & Short Line Railroad, 6 per cent. . . . .	1,021 25
Four shares Globe National Bank . . . . .	392 00
Twenty-two shares Massachusetts Central Railroad Co. . . . .	271 00
Six shares Tremont National Bank . . . . .	639 00
Ten shares Blackstone National Bank. . . . .	1,046 25
Ten shares Market National Bank . . . . .	966 75
Six shares Webster National Bank. . . . .	625 50
Cook County bond, \$1,000, 7 per cent. . . . .	1,132 50
Chicago, Burlington & Quincy Railroad bond, 7 per cent . . . . .	592 50
	<hr/> \$8,257 95

WILLIAM H. NELSON, }  
GEORGE G. DYER, } *Trustees.*

PLYMOUTH, Feb. 1st, 1888.

## FIRE DEPARTMENT.

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### BOARD OF ENGINEERS.

---

H. P. BAILEY, *Chief.*

P. S. BURGESS, *Clerk.*

W. E. CHURCHILL,

A. E. DAVIS,

W. E. BAKER,

G. E. SAUNDERS,

} *Assistants.*

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TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN,—The Board of Fire Engineers respectfully present their annual report for the year ending December 31, 1887 :

### *THE DEPARTMENT*

consists of six Engineers and the following companies :

Two steamer companies of thirty men each ;

One hook and ladder company of sixteen men ;

One hand engine company of twenty men ;

One chemical engine company of eight men ;

Four hose companies of six men, each.

---

### *APPARATUS.*

The apparatus of the Department consists of—

Two steam fire engines ;

One hand engine, old style ;

One hook and ladder truck ;

One chemical engine ;

Four independent hose carriages.

*HOSE.*

We have now in the Department about 4,500 feet of hose in good condition, and about 500 feet of poor, which should be replaced by new the coming year.

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*BUILDINGS.*

The buildings in the Department are now in fair order.

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*HYDRANTS.*

Six new hydrants have been purchased the past year, and located, making in all seventy belonging to the Town.

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*RESERVOIRS.*

The five reservoirs belonging to the Town are in good condition, two of them having been relined the past year.

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*FIRES.*

Alarm at 4 o'clock, P. M., October 7, for burning of ice house owned by E. C. Chandler & Co., wholly consumed; cause unknown. Loss, about \$150; no insurance.

Alarm at 4.30 P. M., from Box 23, November 13, was for a slight fire at the house owned by G. A. Barnes, Pleasant Street; damage slight.

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*FIRE ALARM.*

The Gamewell system of fire alarm has been introduced in the Town the past year, at a cost of \$2,592, including bell and tower on engine house.



*FINANCE.*

## Dr.

To expenditures for Fire Department . . . . .	\$3,573 13
Fire alarm . . . . .	2,592 60
	<hr/>
	\$6,165 78

## Cr.

By balance from old account . . . . .	\$649 42
Appropriation . . . . .	2,400 00
Appropriation, fire alarm . . . . .	2,500 00
Reimbursement . . . . .	30 44
	<hr/>
	\$5,579 86
Overdrawn . . . . .	585 92
	<hr/>
	\$6,165 78

The overdraft can be largely accounted for by the following payments, which were unexpected when the appropriation was made last March :

Lining two reservoirs at a cost of . . . . .	\$258 15
Six new hydrants . . . . .	167 96
Repairs on brick engine house roof . . . . .	100 00
	<hr/>
	\$526 11

*APPROPRIATION.*

An appropriation of \$3,200 we think will meet the expenses of the Department the coming year, and is recommended.

We would also recommend that the useless old apparatus and material that has been in the way for years, be sold, and that the Board of Engineers be given permission to dispose of it.

H. P. BAILEY, *Chief.*

PLYMOUTH, Feb, 15th, 1888.

## REPORT OF THE OVERSEERS OF THE POOR.

---

The undersigned Overseers of the Poor submit the following report :

The inmates of the almshouse have been well cared for and made comfortable.

The calls for aid outside have been about the same as the previous year, and had it not been for the repairs, which we mentioned in our last year's report, as needed, (slating, etc.) which have been made the past year, we should not have exceeded our appropriation.

The Town raised for support of the poor the past	
year.....	\$7,000 00
Received from other towns and other sources.....	1,512 88
	<hr/>
	\$8,512 88
Overdrawn .....	145 00
	<hr/>
	\$8,657 88
	<hr/>
Amount expended.....	\$8,657 88

### *INSANE POOR.*

Balance overdrawn, Jan. 1, 1887.....	\$31 00
Amount expended.....	3,200 86
	<hr/>
	\$3,231 86
Amount appropriated for insane poor... \$2,000 00	
Amount reimbursed..... 827 04	
	<hr/>
	2,827 04
	<hr/>
Overdrawn.....	\$404 82

*POOR AT ALMSHOUSE.*

Number of inmates January 1, 1887.....	14
“ admitted during the year.....	8
“ discharged during the year.....	4
“ died during the year ..	2
“ remaining January 1, 1888.....	16

*INSANE POOR.*

Number at the hospitals January 1, 1887.....	15
“ admitted during the year... ..	4
“ discharged during the year... ..	1
“ died during the year. ....	1
“ remaining January 1, 1888.....	17

We recommend that there be raised for the support of the poor, for the ensuing year, \$7,000.00, and for the support of the insane poor, \$2,800.

GEORGE H. JACKSON,	} Overseers of Poor.
JOHN CHURCHILL,	
CHARLES P. HATCH,	

## REPORT OF THE BOARD OF HEALTH.

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The Board of Health would beg leave to report that there have been five cases of typhoid fever, twenty-two cases of diphtheria, thirty-seven cases of scarlet fever, and one case of measles reported during the year.

Eight deaths have been reported—four of diphtheria, three of scarlet fever, one of typhoid fever, and all are attributed in part to imperfect drainage.

The Board would call the attention of the Town to the condition of the shore, from the depot to the foot of Fremont Street, at the terminus of sewers now laid, especially the brook near the depot, and the sewers emptying into Town Brook. Also the sewer emptying into Town Dock, near the Rock, which is a grievous source of disease and filth ; and we would recommend that the intercepting sewer, recommended by the Board last year, extending southerly to Sandwich Street and northerly to the depot, be built this year, and the several private and public sewers be entered therein ; and such further action may be had towards the construction of a permanent system of sewerage as shall meet the present and future wants of the Town.

A very few towns have the advantage of Plymouth to construct a sewer, the grade being ample, and the advantages of outlets being such as to carry off its contents below low water mark, and free from injury to any one, and less damage to the

channel than now exists, and dispose of the surface water, retaining the sand and sticks, thereby flushing the sewer and keeping it clean.

The Board have avoided as much as possible, the last resort of vacating tenements because of the difficulty of drainage.

If our Town would secure perfect drainage it would be among the most healthy in the State.

Respectfully submitted,

JAMES B. COLLINGWOOD,  
NATHANIEL MORTON,  
E. D. HILL,  
CLARK FINNEY, JR.,  
CHARLES H. HOLMES.

PLYMOUTH, February 17, 1888.

## TOWN CLERK'S REPORT.

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### Abstract of Records for 1887.

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*Voted*, That no licenses be granted for the sale of intoxicating liquors in this Town ; nays, 464; yeas, 155.

*Voted*, That the Town grant to the Public Library the amount of the dog fund now in the Treasury, to wit, \$768.98, and appropriate the sum of \$231.02, for the maintenance of said library.

*Voted*, To instruct the Selectmen to enforce the laws concerning the sale of intoxicating liquors, and that the sum of \$1,000 be appropriated to be expended by them for that purpose.

*Voted*, That the Town accept the Act, passed by the Legislature of the Commonwealth in the year 1886, entitled an Act to authorize the Town of Plymouth to obtain an additional supply of water, and to issue notes, bonds, and scrip for that purpose.

*Voted*, That the Water Commissioners are hereby authorized to lay pipes and make such changes in the present water system as may be necessary to complete the high and low service system, substantially as recommended in their report.

*Voted*, That to carry into effect the vote authorizing the completion of the double service, the Town in accordance with Chap. 312, of the Acts of 1886, issue bonds to the amount of \$39,000, bearing interest at not exceeding four per cent., payable semi-annually, payable \$1,300 each year after the issue thereof, and the Selectmen are hereby authorized to sell the



same at public or private sale, upon such terms as they deem proper, provided, that none are sold at less than the par value thereof.

*Voted*, That the Selectmen are hereby instructed to transfer to the Water Loan Sinking Fund, the \$4,000, which was part of the premium obtained by the sale of water bonds last year, and which was appropriated by the Selectmen for general purposes.

*Voted*, That the sum of \$300 be appropriated and placed at the disposal of the School Committee, for the support of an evening school.

*Voted*, That a committee of five, of whom the moderator shall be one, be appointed by the chair, with authority to print or publish, at a cost not exceeding \$1,000, so much of the town records, as a part of the history of the Town as they shall deem expedient, and that the Selectmen be authorized to borrow a sum of money not exceeding such amount as may be required to carry out this vote.

*Voted*, That the sum of \$2,500 be added to the appropriation for Fire Department, for the ensuing year.

*Voted*, That the Town authorize the Board of Engineers, to establish a fire alarm, substantially in accordance with the recommendation in their report.

*Voted*, That the Selectmen be authorized and instructed to convey for a nominal consideration to Jesse R. Atwood, from the land referred to in said Article 12, so much of said land as lies under the southwesterly end of the building situated between said land and Water Street, and the Selectmen shall have authority to license said Atwood to use a right of way, six feet wide to the rear end of said building, revocable at the pleasure of the Town or its Selectmen.

*Voted*, That the Committee on Sewerage are hereby requested to petition the Legislature for an Act giving the Town of Plym-

outh free authority to construct such a system of sewerage, and containing such restrictions and provisions as the Committee may recommend.

*Voted*, That in all labor on the Plymouth Water Works, from this day forward, such as digging, trenching, filling, etc., and in all contracts for said work, it shall be specified that the laborers of the Town shall have preference over all others, and that the compensation shall not be less than \$2.00 per day for ten hours labor.

*Voted*, That the further sum of \$700 be appropriated for lighting the streets and Town House, and that the Selectmen be instructed to contract for seven additional electric lights at such places in the streets as they shall determine.

*Voted*, That any of the persons described in Section 10, Chapter 48, of the Public Statutes, upon conviction of any offence in said section described, shall be committed to the rooms at the Poor House, to be provided by the Overseers of the Poor, to the approval of the School Committee, for the confinement, instruction, maintenance of said children in Plymouth for such time as the judge, justice or court, having jurisdiction of the offence may determine, and the School Committee shall make arrangements for the maintenance of said children so committed, and for a suitable teacher for the same.

*Voted*, That the Water Commissioners be instructed to extend the four-inch pipe from opposite the store of George F. Bartlett at Chiltonville, northward to opposite the house of George L. Osgood, in such way and manner as they may think for the best interest of the Town, provided, that a satisfactory guarantee of  $4\frac{1}{2}$  per cent. on the cost be previously furnished.

*Voted*, That the cost of the extension of the Water Works from the house of Mr. George F. Bartlett at Chiltonville, to opposite the house of George L. Osgood, be charged to the income of the Water Works.

*Voted*, That the Water Commissioners be instructed to take up the two-inch water pipe, now laid on Vernon Street, Robinson Street and Highland Place, and replace the same with four-inch pipe.

*Voted*, That the expense of relaying pipe on Vernon and Robinson Streets and Highland Place, be paid from the Water Works for the present year.

*Voted*, That the Water Commissioners be instructed to make such an arrangement with the contractors for the system of Water Works voted at the last meeting of the Town, that the labor of trenching, back-filling, etc., shall be separated from the contract, and the same be performed by the Town, under the direction of the Water Commissioners.

*Voted*, That when such an arrangement is made with the contractors, the Water Commissioners, in the employment of day laborers for trenching, etc., shall give preference to laborers of the Town, and that pay for labor shall be at the same rate as is now paid by the Town; that is, two dollars per day for ten hours labor.

*Voted*, To lay upon the table, the acceptance of the Act passed by the Legislature of 1887, entitled an Act to authorize the Town of Plymouth to lay sewers.

*Voted*, That a committee of five be appointed by the chair to report a bill to be presented at the annual meeting in March.

## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, Winslow B. Standish.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—Charles H. Holmes, George E. Morton, Alonzo Warren.

OVERSEERS OF THE POOR—John Churchill, elected March 2, 1885; George H. Jackson, elected March 1, 1886; Charles P. Hatch, elected March 7, 1887.

WATER COMMISSIONERS—Everett F. Sherman, Nathaniel Morton, elected March 2, 1885; Charles S. Davis, elected March 1, 1886; Samuel H. Doten, Horace P. Bailey, elected March 7, 1887.

SCHOOL COMMITTEE—Frederick N. Knapp, William T. Davis elected March 2, 1885; Charles I. Litchfield, James Millar, elected March 1, 1886; Elizabeth Thurber, Charles O. Churchill, elected March 7, 1887.

SUPERINTENDENT OF SCHOOLS—Charles Burton.

AGAWAM FISHERY COMMITTEE—Jesse R. Atwood, Joseph F. Towns, Augustus Robbins.

CONSTABLES—James B. Collingwood, Joseph W. Hunting, Freeman Manter, Ira C. Ward, Joseph F. Towns, Benjamin F. Snow.

BURIAL HILL COMMITTEE—Selectmen.

SUPERINTENDENT OF BURIAL HILL—William T. Davis.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins, Edward B. Atwood, George H. Jackson, Cornelius C. Holmes.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS AND BRIDGES—Selectmen.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perry, Hosea C. Bartlett, Galen R. Holmes, Jacob W. Southworth, Albert O. Beckman.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—William T. Hollis.

POUND KEEPERS—Obed C. Pratt, Galen R. Holmes, Hosea C. Bartlett, Nathan B. Perry.

TRUSTEES OF WATER SCRIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, Charles B. Stoddard, Benjamin A. Hathaway.

BOARD OF REGISTRATION—Isaac M. Jackson, John W. Churchill, Herbert Morrissey, Curtis Davie.

BOARD OF HEALTH—James B. Collingwood, Edgar D. Hill, Clark Finney, Jr., Nathaniel Morton, Charles Henry Holmes,

BOARD OF ENGINEERS OF FIRE DEPARTMENT—Horace P. Bailey, William E. Baker, Peleg S. Burgess, Albert E. Davis, George E. Saunders, William E. Churchill.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Nehemiah L. Savery, John C. Barnes, Gustavus G. Sampson, Samuel Bradford, Galen R. Holmes, Horatio Wright, M. V. B. Douglass.



### Marriages Registered in Plymouth in 1887.

- Jan. 1. Lyman D. Adams of Plymouth and Abbie M. Parris of Halifax.
- Jan. 1. George A. Raymond and Margie M. Robbins, both of Plymouth. Married in Kingston.
- Jan. 6. David E. Aldrich and Laura L. Perkins, both of Plymouth. Married in Ashland.
- Jan. 9. William M. Barnes and Lucy K. Hall, both of Plymouth. Married in Bridgewater.
- Jan. 15. Sylvanus W. Dunham and Sarah A. Hamblin, both of Plymouth.
- Jan. 16. Seth S. Bartlett and Alice P. Cleveland, both of Plymouth.
- Jan. 16. Nathaniel F. Hoxie and Lucia W. Doten, both of Plymouth.
- Jan. 29. Adam Smith and Katie Volk, both of Plymouth.
- Feb. 6. Philip J. Mahler and Ida Lawlor, both of Boston.
- Feb. 13. Alexander Christie and Flora E. Nichols, both of Plymouth.
- Feb. 17. Charles G. Churchill and Lizzie S. Harvey, both of Plymouth.
- Feb. 26. Oscar Kohsman and Emma Sibenschu, both of Boston.
- April 13. William A. Robbins and Etta C. Faunce, both of Plymouth.
- April 17. Henry L. Pratt of Plymouth and Susie R. Thomas of Cambridgeport. Married in Cambridge.
- April 26. George H. Magee and Mary L. Thomas, both of Plymouth.
- April 26. Edward H. Prescott of Plymouth and Florence E. Goodwin of Cambridge. Married in Cambridge.

- May 12. Merritt W. Bumpus and Mary G. Besse, both of Plymouth.
- May 12. George Flagg and Catherine M. Gerrior, both of Plymouth.
- May 18. Edward W. Darey and Mary Mann, both of Plymouth.
- May 18. Frank L. Cole of Kingston and Lydia M. Stimpson of Plymouth. Married in Kingston.
- May 19. Murdock D. McDonald and Lizzie McLean, both of Plymouth.
- May 22. Joseph Kramer and Mary Bedingfield, both of Plymouth.
- June 4. George W. Bumpus of Wareham and Annie F. Burgess of Plymouth.
- June 8. Isaac W. Brown of Wareham and Ida May Raymond of Plymouth. Married in Wareham.
- June 9. James Mesroll and Alfretta Freeman, both of Plymouth.
- June 14. Patrick J. O'Brien and Catherine M. Murphy, both of Plymouth.
- June 15. Henry P. Steidle and Mary L. Eaton, both of Plymouth.
- June 16. James Arthur Banks and Jerusha A. Swift, both of Plymouth.
- June 16. Winthrop Brown of Belmont and Arethusa G. Hayden of Plymouth.
- June 18. Josiah A. Blades and Margaret E. Lovell, both of Plymouth.
- June 18. Philip Schreider and Margaret Klaus, both of Plymouth.
- July 6. George E. Freeman of Plymouth and Lucia C. Cobb of Kingston. Married in Middleboro.
- July 7. Charles A. Morse of Plymouth and Alice M. Parker of Wareham.

- July 31. Charles A. Dunham and Hattie M. Godfrey, both of Plymouth.
- Aug. 13. Louis Picard and Mary J. Pouri, both of Plymouth.
- Aug. 13. Nicholas Feilen and Olive L. Grover, both of Halifax
- Aug. 16. Hiram H. Clark of Plympton and Hannah M. Nightingale of Plymouth. Married in Kingston.
- Aug. 25. William T. Robbins and Martha A. Trimble, both of Plymouth.
- Aug. 30. Theosold Bealieu and Louisa Donome, both of Plymouth.
- Aug. 31. George W. Otis of Portsmouth, N. H., and Mary E. Torrance of Plymouth. Married in Kingston.
- Sept. 3. Charles F. Schroeter of Plymouth and Annie E. Sylvester of Deer Isle, Me.
- Sept. 6. George W. Marshall and Emma J. Murry, both of Boston.
- Sept. 10. Herbert W. Sears and Ida J. Harlow, both of Plymouth.
- Sept. 13. Charles McAskell and Jessie E. McKay, both of Plymouth.
- Sept. 22. Arthur L. Briggs of Plymouth and Ida F. Tibbetts of Amesbury. Married in Methuen.
- Sept. 22. Gardner L. Bradford of Plymouth and Lillian P. Barrows of Fall River. Married in Fall River.
- Sept. 29. John M. Tynan of Milford and Winifred A. Morse of Plymouth.
- Sept. 29. Thomas Swan and Mary E. Schade, both of Plymouth.
- Oct. 5. Albert Pratt and Nellie C. Studley, both of Hallowell, Me.
- Oct. 13. Consider H. Fisher and Sarah E. Swift, both of Plymouth.
- Oct. 22. Melville M. Whitney of Weymouth and Annie I. Perkins of Plymouth.

- Oct. 26. Frank Whiting and Sarah E. Manter, both of  
Plymouth.
- Oct. 27. Arthur A. Sampson of Kingston and Isabelle S.  
Leonard of Plymouth.
- Oct. 27. Timothy J. O'Brien and Agnes C. White, both of  
Plymouth.
- Oct. 28. John F. Simmons of Plymouth and Lottie C. Earl  
of Boston. Married in Boston.
- Nov. 2. Rufus H. Raymond of Middleboro and Lillie J.  
Caswell of Plymouth. Married in Middleboro.
- Nov. 3. Nathaniel Reeves Jackson and Hannah M. Brown,  
both of Plymouth.
- Nov. 19. Edwin G. Loring of Kingston and Sarah F. Towns  
of Plymouth.
- Nov. 23. Andrew J. Carr and Mary A. Cassidy, both of  
Plymouth.
- Nov. 24. Edward T. Bates and Lillie B. Kendrick, both of  
Plymouth.
- Nov. 24. Albert R. Robbins and Jennie F. Pierce, both of  
Plymouth.
- Nov. 24. William E. Hodgson of Plymouth and Alice M.  
Sampson of Baltimore.
- Nov. 26. John O'Connell of Plymouth and Alice Crocheron  
of Boston. Married in Boston.
- Nov. 29. John R. Monks and Marietta Longendyke, both of  
Plymouth.
- Dec. 8. George H. Burgess and Barbara Schaich, both of  
Plymouth.
- Dec. 8. George A. Collins and Isabella M. Weber, both of  
Plymouth. Married in South Framingham.
- Dec. 13. Edwin F. Vinal and Alice G. Bradford, both of  
Plymouth.
- Dec. 17. Edgar W. Washburn and Hattie A. Sears, both of  
Plymouth.

- Dec. 22. Harry B. Loring of Duxbury and Bessie H. Leach  
of Plymouth.
- Dec. 23. Isaac Dickerman and Rosana Bumpus, both of  
Plymouth.
- Dec. 24. Henry L. Pratt of Plymouth and Myrtle L. Sherman  
of Carver. Married in Middleboro.
- Dec. 27. Louis D. Rogers of East Harwich and Annie M.  
Pierson of Plymouth. Married in Harwich.
- Dec. 31. William W. Lewis and Hattie M. Dunham, both of  
Plymouth.

# Births Registered in Plymouth in 1887.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1887.				
Jan. 6,	Heman L. Robbins,	Heman and Harriet E.,	Plymouth,	Plymouth.
" 6,	William George Curran,	James and Mary,	Ireland,	Bridgewater.
" 7,	Ethel F. Hayden,	Charles F. and Lydia T.,	Plymouth,	Plymouth.
" 9,	Marianna Muller,	George and Katie,	Germany,	Germany.
" 9,	Elisha M. Douglass,	Elisha T. and Anna E.,	Plymouth,	Rochester.
" 19,	John H. Hathaway,	William C. and Ada F.,	East Bridgewater,	Natick.
" 24,	William Squires Shaw,	Elmer F. and Hattie A.,	Carver,	Nova Scotia.
" 26,	Catherine E. Porrier,	Charles and Sarah J.,	Nova Scotia,	Nova Scotia.
" 29,	Ethel Weston,	Myles S. Jr., and Nellie G.,	Plymouth,	Nova Scotia.
" 30,	David E. Fletcher,	Albert E. and Maud M.,	England,	New Brunswick.
" 30,	George F. Henderson,	Frank and Julia C.,	Plymouth,	Ireland.
" 31,	Fred. Robert Clark,	Fred C. and Carrie E.,	Plymouth,	Carver.
Feb. 8,	Warren W. Cole,	Charles F. and Lillian W.,	South Wellfleet,	South Wellfleet.
" 11,	Ernest L. Haskell,	Albert and Alice,	Plymouth,	Sandwich.
" 14,	Richard Thomas Eldredge,	Willie T. and Flora A.,	Chelsea,	Plymouth.
" 20,	Alice S. Harlow,	Ivory W. and Maria E.,	Plymouth,	Plymouth.
" 22,	Carrie E. Hoyt,	Frederick C. and Marjory L.,	Plymouth,	Nova Scotia.
" 25,	Edwin Franklin Hayward,	Benjamin F. and Teresa J.,	Plymouth,	Nova Scotia.



March	3,	Annie Lucas,	John and Annie,	England,	Ireland.
"	3,	Mary C. Morey,	William F. and Harriet N.,	Plymouth,	Plymouth.
"	7,	Lawrence Mahler,	Philip J. and Ida,	Plymouth,	Nova Scotia.
"	8,	Louis L. Tourgee,	William E. and Emma L.,	Rhode Island,	Rhode Island.
"	8,	Lottie M. Bumpus,	Ebenezer and Hattie,	Wareham,	Plymouth.
"	11,	Arthur L. Milburn,	Edward and Mary J.,	Boston,	Fredericksburg, Va.
"	13,	Edith Plipps,	Wilbor F. and Abbie T.,	Milford,	Plymouth.
"	15,	Byron Shaw Knowles,	Samuel F. and Amber G.,	Orleans,	Plymouth.
"	19,	Mary Metz,	Joseph and Mary S.,	Germany,	Germany.
"	21,	Herbert R. Fenerty,	Rufus S. and Ella M.,	Charlestown,	Vineland, N. J.
"	22,	Porter Temple Harlow,	Charles B. and Harriet B.,	Plymouth,	Plymouth.
"	24,	Ella Loving Valler,	John W. and Ella A.,	Plymouth,	Woodbury, Vt.
"	25,	Carl Weigel,	Carl and Lena,	Germany,	Germany.
"	25,	Thomas F. Porrier,	Daniel and Victoria,	Nova Scotia,	Nova Scotia.
"	28,	Carrie E. Jones,	Ebenezer and Mary E.,	Albany, N. Y.,	Albany, N. Y.
April	1,	Herbert G. Sampson,	Christopher D. and Lucy B.,	Plymouth,	Plymouth.
"	1,	Clara Tassanarre,	Vincent and Mary,	Italy,	Italy.
"	3,	William G. Tripp,	Lynnan F. and Emma L.,	Westport,	Dighton.
"	3,	Mildred B. Blackmer,	Israel C. and Amanda M.,	Plymouth,	Martha's Vineyard.
"	6,	Oscar L. Johnson,	Charles L. and Amelia,	Sweden,	Norway.
"	6,	Lloyd Francis Nightingale,	Lorenzo L. and Minnie,	Plymouth,	Falmouth.
"	7,	Charles R. W. Ellis,	Rufus and Arabella,	Plymouth,	Plymouth.
"	8,	Helen Whitmore,	Albert and Jennie A.,	Plymouth,	Plymouth.
"	8,	Henry Ellsworth Beckman,	Albert O. and Lizzie P.,	Plymouth,	Middleboro.
"	9,	Bertha M. Remick,	Nathaniel P. and Kittie M.,	Sutton,	Kingston.
"	9,	Edward Bartholomew Carr,	Patrick and Alice,	Ireland,	Ireland.
"	10,	James M. Norton,	James and Mary,	Ireland,	Ireland.
"	19,	Jeremiah Sullivan,	Bartholomew and Annie S.,	Plymouth,	Bridgewater.
"	19,	Horace Irving Allen,	Sherman and Serena,	Plymouth,	Plymouth.
"	20,	Harry C. Cash,	Gideon E. and Sophia,	Yarmouth,	Deerport.
"	25,	Jeannette Eleanor Smith,	Nathan and Maggie,	Plymouth,	Fall River.
"	25,	Clarence Merton Briggs,	Laban B. and Ella S.,	Plymouth,	Plymouth.
May	"	Bertha Evelyn Nickerson,	William E. and Azubah A.,	Nova Scotia,	Nova Scotia.
"	5,	Elmer Ellsworth Raymond,	S. A. and Abbie J.,	Plymouth,	Bourne.
"	6,	Anna C. Bartlett,	Temple H. and Nancy E.,	Plymouth,	Plymouth.

## Births Registered in Plymouth in 1887—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
May 15,	Catherine Julia McDonald,	Robert and Annie,	Scotland,	Nova Scotia.
" 17,	William Lamond,	Alexander and Maggie,	Perry, Me.,	Eastport, Me.
" 18,	Clarence Edwin Delano,	Edwin F. and Jennie M.,	Duxbury,	Cape Breton.
" 18,	William Ellsworth Mayers,	William N. and Carrie C.,	Nova Scotia,	Plymouth.
" 20,	Herbert Francis Wayland	Edwin S. and Carrie F.,	Plymouth,	Boston.
" 24,	Joseph S. Ray, [Paukling,	Joseph and Mary Jane,	Ireland,	Cambridge.
" 25,	Susan Mary Ann Pickard,	John B. and Sarah J.,	Nova Scotia,	Nova Scotia.
" 27,	Sarah Mabel Smith,	Peter and Kate,	Plymouth,	France.
" 28,	Alfred Thomas Holmes,	Jostiah L. and Abbie F.,	Plymouth,	Plymouth.
" 28,	Frank Dunlavery,	Thomas L. and Elizabeth C.,	Union, Ct.,	Plymouth.
" 29,	Arthur C. Thomas,	Henry C. and Florence M.,	Plymouth,	Plymouth.
" 29,	Ina May Pierce,	William T. and Mattie Q.,	Plymouth,	Plymouth.
June 2,	Michael Keltner,	Peter and Gertrude,	Germany,	Germany.
" 4,	George W. Simmons,	Nathaniel H. and Alice,	Ireland,	Ireland.
" 5,	Sidney Bartlett Holmes,	Frank B. and Addie M.,	Plymouth,	Sandwich.
" 6,	Clyde Linwood Paukling,	James H. and Hattie N.,	Plymouth,	Falmouth.
" 8,	Grace Lincoln Whiting,	Pelham and Helen P.,	Plymouth,	Plymouth.
" 10,	Arthur G. Burbank,	Arthur W. and Ruth H.,	Plymouth,	Plymouth.
" 12,	Richard F. Crowley,	Timothy F. and Florence A.,	Rockbottom,	Concord.
" 12,	Gertrude White,	Peter and Gertrude,	Nova Scotia,	Nova Scotia.
" 15,	Helen L. Barnes,	Henry W. and Hannah S.,	Plymouth,	Plymouth.
" 17,	Andrea P. Larsen,	Sophus P. and Mary E.,	Denmark,	Plymouth.
" 17,	Sadie M. B. Hedge,	Barnabas and Helena A.,	Plymouth,	Plymouth.
" 18,	Adolph Schreiber,	Adolph and Salome,	Germany,	Germany.
" 25,	Robert John Cavicchi,	Frederick and Rosa,	Italy,	Italy.

June	25,	Joseph Nicholas Schwartz,	Joseph N. and Lena,	Germany,	Germany.
"	28,	Lester R. Howland,	Herbert E. and Lizzie W.,	Plymouth,	Plymouth.
July	"	Arthur E. Shaw,	Frederick D. and Jessie,	Plymouth,	Nova Scotia.
"	2,	Isaiah E. A. Picard,	Henry I. and Elizabeth,	Nova Scotia,	Plymouth.
"	2,	Harold B. Paulding,	George B. and Bertha C.,	Plymouth,	Germany.
"	4,	Charles John Bastier,	Peter and Barbara,	Germany,	Germany.
"	4,	George J. Bahsler,	Philip J. and Rosa,	Plymouth,	Cape Breton, Conn.
"	11,	Margaret L. McKensie,	William R. and Katie A.,	Prince Edward's Island,	New London, Conn.
"	13,	James E. Barrows,	Herbert N. and Mary E.,	Plymouth,	Germany.
"	18,	Lizzie Schneider,	Peter and Lizzie,	Germany,	Germany.
"	20,	Susie M. Barrows,	William H. and Mabel,	Plymouth,	Rockland.
"	25,	George Bertram McCumisky,	Jeremiah and Jane,	Nova Scotia,	Nova Scotia.
Aug.	"	Theodore M. Cox,	Winslow W. and Fannie S.,	Plymouth,	Plymouth.
"	2,	Henry Ernest Karle,	Thomas and Mary M.,	Germany,	Germany.
"	5,	Harold B. Sampson,	Melzar B. and Lucy L.,	Plymouth,	Newport, R. I.
"	6,	Gustavus F. Holmes,	Frank T. and Esther C.,	Duxbury,	Plymouth.
"	10,	Nettie Brown,	Alfred P. and Alice,	Maryland,	Virginia.
"	10,	Laura E. Brown,	Abraham O. and Mary C.,	Hanover, N. H.,	Colasset.
"	12,	Hattie Weston Swift,	Thomas E. and Annie M.,	Plymouth,	Plymouth.
"	13,	Paul G. Marrion,	Thomas and Margaret,	Milford,	Plymouth.
"	15,	— Howland,	Calvin F., Jr., and Annie,	Plymouth,	Plymouth.
"	22,	Willard Clark Whiting,	Henry O. and Annie W.,	Plymouth,	Plymouth.
"	22,	Adrian Porter Whiting,	Henry O. and Annie W.,	Plymouth,	Plymouth.
"	24,	— Saunders,	Horace M. and Catherine S.,	New Hampshire,	Plymouth.
"	31,	Arthur Mayo,	John A. and Margaret J.,	Plymouth,	Ireland.
"	31,	Isabel Hunnewell,	Frank S. and Isabel,	Ellsworth, Me.,	Bangor, Me.
Sept.	7,	Charles Bradley Gould,	Lewis H. and Lydia M.,	Plymouth,	Plymouth.
"	9,	Ernest Linwood Cameron,	Nathan T. and Lizzie A.,	Brockton,	Brockton.
"	12,	Milton R. Howland,	Arthur L. and Aurilla L.,	Medfield,	Medfield.
"	12,	Elva Wight Holmes,	David and Emma F.,	Plymouth,	Plymouth.
"	13,	Hattie J. Sharpe,	Anstin A. and Minnie M.,	East Bridgewater,	Nova Scotia.
"	20,	Clarence Allen Holmes,	Truman H. and Ella A.,	Carver,	Carver.
"	23,	Lottie Hughes,	William J. and Sarah E.,	Chelsea,	Chelsea.
"	23,	Phineas Camp HeadleyArmes	Willard O. and Irene,		
"	24,	Felid Perroult,	Henry and Eliza,	Canada,	Canada.

# Births Registered in Plymouth in 1887—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
Sept. 24,	John F. Mahoney,	John J. and Mary F.,	Milbury,	Quincy.
" 25,	John H. Reidle,	Sebastian and Maria,	Plymouth,	Ireland.
" 25,	John Fratus,	Catano and Mary,	Plymouth,	Western Islands.
" 25,	Gracie May Schields,	Frederick and Maria,	Germany,	Ireland.
" 26,	John Joseph Keough,	Daniel J. and Kate,	Ireland,	Ireland.
Oct. 4,	James Fish, Jr.,	James and Drusilla,	Sandwich,	Plymouth.
" 4,	William Rudolph,	Jacob and Louisa,	Germany,	Germany.
" 6,	Charles Henry Rose,	Antone and Ida,	Germany,	Germany.
" 8,	William G. Keliher,	Timothy and Grace,	New Brunswick,	Ireland.
" 10,	Robert Francis Richardson,	Robert and Susan E.,	Plymouth,	Nova Scotia.
" 10,	Frank T. Ellis,	Charles M. and Annabel,	Hampden, Me.,	Belfast, Me.
" 13,	Leon Stanley Parsons,	Frederick A. and Carrie M.,	Plymouth,	North Falmouth.
" 13,	Joseph C. Ferdinand,	Joseph and Mary L.,	Madeira,	Flores, W. I.
" 14,	Alfred E. Freeman,	Frank B. and Rhoda R.,	Plymouth,	Danby, Vt.
" 14,	Catherine L. Lang,	Benjamin B. and Catherine,	Boston,	Boston.
" 16,	Louis C. Robbins,	William A. and Etta C.,	Boston,	Plymouth.
" 17,	Chester A. Raymond,	Andrew L. and Flora A.,	Middleboro,	Plymouth.
" 19,	Florence Redmond Griswold,	George W. and Mary L.,	Nova Scotia,	Plymouth.
" 19,	Emma B. Shaw,	Roland H. and Maria E.,	Carver,	Nova Scotia.
" 20,	George Edwin Bartlett,	Seth S. and Alice P.,	Plymouth,	Nova Scotia.
" 22,	Carl Russell Ryan,	Frank W. and Marie F.,	Wareham,	Plymouth.
" 23,	Mary Ann Exmary Richard,	Edward and Matilda,	Canada,	Canada.
Nov. 3,	Ernest C. Morrison,	Alexander and Margaret J.,	Sandwich,	Cape Breton.
" 4,	Herbert D. Leland,	William B. and Emma R.,	Milford,	Plymouth.
" 6,	Edward T. Cook,	David and Emma F.,	Harwich,	Wareham.

Nov.	10,	Charles W. Fowler,	Charles I. and Pella H.,	Lynn,	Plymouth.
"	14,	Rosa Jeffrey,	Joseph and Vita,	Italy,	Italy.
"	14,	— Anderson,	Robert and Jane,	Ireland,	Ireland.
"	17,	Hattie G. Kostner,	Charles and Lizzie,	Great Barrington,	Plymouth.
"	18,	Grace Helen Carleton,	William D. and Ella C.,	Newbury, Vt.,	Bath, Me.
"	20,	Evelina Edna Blades,	Josiah and Maggie,	Nova Scotia,	Nova Scotia.
"	28,	Lydia L. Magee,	George H. and Mary L.,	Taunton,	Quincy.
"	30,	James Currier,	Henry J. and Helen C.,	Lawrence,	Amesbury.
Dec.	10,	— Sherman,	Orin B. and Betsey M.,	Plymouth,	Middleboro.
"	11,	— Avery,	Elmer E. and Hannah B.,	Berlin, Vt.,	Plymouth.
"	12,	Ethel M. Sampson,	Sylvanus D. and Delia A.,	Plymouth,	Plymouth.
"	13,	Harriet Bennison,	George F. and Fannie,	Newark, N. J.,	Plymouth.
"	14,	Adam Schmidt,	Adam and Katie,	Germany,	Germany.
"	15,	Marianna Bodell,	John and Marianna,	Ireland,	Ireland.
"	21,	Addie F. Durfee,	Wilbur H. and Mary J.,	Holliston,	Boylston.
"	21,	Lillian May Douglass,	Thomas W. and Hannah R.,	New York,	Plymouth.
"	22,	Agnes Ellen Bagnell,	James H. and Catherine G.,	Plymouth,	Ireland.
"	23,	Frances E. Snow,	Walter D. and Margaret E.,	Mattapoisett,	Middleboro.
"	23,	Florence G. Snow,	Walter D. and Margaret E.,	Mattapoisett,	Middleboro.
"	25,	Alice Mabel Williams,	George H. and Margaret,	England,	Cape Breton.
"	25,	Hilda A. Nelson,	Peter M. and Jennie,	Sweden,	Sweden.
"	27,	Russell J. Cobb,	William P. and Anna B.,	Plymouth,	Nova Scotia.
"	30,	— Davis,	Oswin F. and Cordelia M.,	Falmouth,	Plymouth.
"	31,	— Potter,	Jeffrey A. and Abbie A.,	Newport, R. I.,	Plymouth.



## Deaths Registered in Plymouth in 1887.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1887.						
Jan. 1,	Helena C. Ellis,	74	—	23	Recorded in Abington,	George Fisher. Died in Abing- [ton.
" 1,	Almira McCarty,	23	8	—	Plithisis,	Simeon and Victoria Smith.
" 2,	Benjamin T. Field,	78	1	25	Paralysis,	Jude and Abigail.
" 6,	Edward Allen Hughes,	1	2	21	Brain Disease,	William J. and Sarah E.
" 8,	Milton H. Reamy,	72	2	4	Probably Heart Disease,	William and Elizabeth.
" 11,	Benjamin Ward,	65	4	27	Cerebral Apoplexy,	Benjamin and Hannah.
" 11,	William Atwood,	75	9	18	Apoplexy,	John and Nancy.
" 11,	Charles H. Frick, Jr.,	—	7	5	Capillary Bronchitis,	Charles H. and Emma L.
" 13,	Emeline A. Whitten,	54	4	15	Disease of Brain,	Robert and Betsey Hutelinson.
" 13,	Clinton Everett Standish,	4	6	—	Blood Poisoning from Diph- [theria,	Job H. and Lelia I.
" 14,	Fanny Drey,	81	2	4	Pneumonia,	Benjamin and Sophia.
" 18,	Benjamin F. Stevens,	32	4	2	Nervous Decline,	Thomas A. and Almira A.
" 19,	Nathan H. Holmes,	83	3	15	Apoplexy,	Nathan and Ruth.
" 20,	Lucy N. Deluce,	57	10	9	Cancer,	Charles and Abigail Goodwin.
" 21,	Nathaniel Holmes,	62	9	—	Apoplexy,	Joseph and Esther. [Kingston.
" 28,	Edmund Pendergast,	—	3	15	Capillary Bronchitis,	Edmund and Margaret. Died in Cosgrove. Died in Kingston.
" 30,	Jane Haney,	74	—	—	Catarrah of Stomach,	George and Betsey P.
" 30,	Georgiana Whiting,	39	9	20	Disease of Heart,	



Feb.	2,	Florence May Gifford,	—	7	18	Mumps,	Geo. M. and Abbie J. Died in Whitman
"	6,	Helen M. Pendleton,	39	4	22	Recorded in Hanson,	Solomon and Mary Ann Sylvestor. Died in Hanson.
"	9,	Thomas Russell,	61	4	14	Recorded in Boston,	Thomas & Mary Ann. Died in Boston.
"	11,	Margaret Mahler,	33	9	—	Dystocia,	Michael and Catherine Henry.
"	20,	Leuel Bradford,	73	8	29	[diac Cause,	Leuel and Bathsheba.
"	20,	Joseph L. Brown,	65	3	23	Infarction of Lung from Car-	Joseph and Lucretia.
"	20,	Abbie Mills,	85	6	5	Heart Disease,	John and Betsey Bishop.
"	20,	Lucy Marcy,	92	9	11	Old Age,	Stephen and Lucy.
"	23,	Nancy M. Perkins,	85	7	6	Old Age,	Samuel C. and Barbara.
"	23,	Priscilla P. Sherman,	82	6	20	Pneumonia,	Benjamin and Hannah.
"	24,	George Warren Morton,	4	3	17	Diphtheria,	Josiah and Harriet B.
"	25,	Katie L. Croghan,	35	7	—	Heart Disease,	Timothy and Joanna Hurley.
"	26,	Harriet M. Morton,	64	3	24	Recorded in Braintree,	Nath'l & Rhoda Wood. Died in South
"	27,	Miriam C. Holmes,	76	9	20	Paralysis of Heart,	John & Phebe Dickson. [Braintree.
March	2,	Thomas Drake,	12	7	—	Diphtheria,	William and Margaret.
"	2,	Nancy Morey,	83	—	—	Pneumonia,	Richard & Nancy Blackmer. Died in
"	2,	Thomas McCready,	61	—	15	Consumption,	Died in Jacksonville, Fla. [Kingston
"	5,	Rose Margaret O'Donnell,	14	6	17	Cause unknown,	James and Mary Ann.
"	6,	Charles Jackson,	61	5	18	Hemorrhage of Brain,	Daniel and Elizabeth. Died in
"	8,	Edwin Jackson,	74	5	—	Heart Disease,	Henry and Huldah. [New Haven, Conn.
"	10,	Samuel F. Besse,	32	—	—	Judicial Hanging,	Charles. [Wilmington, Del.
"	11,	George Ware Barker,	1	7	13	Pneumonia,	George E. and Anna W. Died in
"	21,	Charles Wolf,	9	1	7	Pneumonia,	George and Madeline. Died in
"	23,	Eliza Williams,	78	1	7	Consumption,	Holmes. [Boston.
"	27,	Anderson Perkins,	26	3	—	Pulmonary Hemorrhage,	Charles A. S. and Ann Eliza. Died in Brookline.
"	27,	Hannah C. Whiting,	79	4	16	Chronic Cystitis,	Ebenezer and Ruth C. Nickerson.
"	28,	Arthur Lee Milburn,	—	—	—	Capillary Bronchitis,	Edward and Mary Jane.
"	28,	Emily Russell Gray,	—	3	22	Heart Disease,	William and Matilda.
April	1,	Martha Cornish,	79	3	—	Bronchitis,	Josiah and Phebe Nickerson.
"	2,	Charlotte Alexander,	83	—	22	Old Age,	Stephen and Betsey Faunce.
"	9,	Abigail N. Brown,	68	4	22	Chronic Rheumatism,	Allen and Fear Raymond,
"	10,	Ephraim Spooner,	82	11	15	Old Age,	James and Margaret.
"	10,	John Clark,	85	8	3	Old Age,	Zoth and Rebecca.
"	13,	Catherine Leary,	36	—	—	Consumption,	Bernard and Rose Kearney.
"	15,	Sarah Peterson Babcock,	54	—	29	Phthisis,	Charles and Thankful Peterson

# Deaths Registered in Plymouth in 1887.—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
April 16,	Lester Ellsworth Wood,	6	3	3	Paralysis of Heart from Diph-	Alba M. and Amanda T.
" 18,	William Drew,	82	2	4	Recorded in Fairhaven, [theria,	Wm. & Sarah. Died in Fairhaven.
" 18,	Janie Murray,	16	—	4	Recorded in Kingston,	John & Jane. Died in Kingston.
" 22,	Adoniram J. Whiting,	81	11	13	Paralysis,	Nathan and Rebecca.
" 22,	Elon Weston Torrence,	4	10	7	Diphtheria,	Erastus B. and Charlotte A.
" 22,	James Cox,	83	9	—	Old Age,	Elias and Abigail.
" 24,	Adam Peck,	—	5	10	Diphtheria,	Catherine.
" 25,	Charles H. Perkins,	55	10	11	Heart Disease,	Foster and Abigail.
" 25,	Nathaniel Brown,	75	3	19	Apoplexy,	Samuel and Hannah.
" 26,	Henry Isaiah Pierce,	30	—	—	Recorded in Holbrook,	Isaiah and Charlotte. Died in
" 28,	Nancy Paty,	80	—	16	Old Age,	Thomas & Jerusha. [Holbrook.
May 1,	Thomas Sullivan,	44	—	—	Typhoid Pneumonia,	John and Mary.
" 1,	James A. Lynn,	30	11	27	Consumption, [monia,	James and Sarah J.
" 2,	Lydia Finney,	75	2	20	Heart Disease with Pneu-	Moses and Experience Benson.
" 5,	William H. Bearce,	60	9	—	Probably Heart Disease,	Holmes and Sally.
" 5,	Edith Phipps,	34	3	9	Feeble from Birth,	Wilbor F. and Abbie T.
" 7,	Emil Knock,	—	3	29	Probably Heart Disease,	Charles and Augusta.
" 9,	William M. Leonard,	76	4	26	Heart Disease,	Nathaniel W. and Mary.
" 15,	Eva Nightingale,	16	8	—	Brain Fever,	Horatio and Katie Leonard.
" 19,	Benjamin Bearce Washburn,	1	6	25	Congestion of Lungs,	Charles F. and Addie M.
" 24,	Gertrude N. Kramer,	5	5	5	Pericarditis,	Henry and Eliza. Died in Cam-
" 24,	Lewis Holmes,	74	1	12	Heart Disease,	Peter and Mary. [bridge.
" 25,	Fred. Robert Clark,	—	3	25	Congenital Icterus,	Fred C. and Carrie E.
" 28,	Henri Wellington Weston,	8	6	—	Scrofulosis,	Frank C. and Mary C.
" 29,	Frank Newton Bourne,	10	10	14	Liver and Heart Disease,	Isaac N. and Martha J.
" 30,	Oscar L. Johnson,	—	1	24	Feeble from Birth,	Charles L. and Amelia.

May 30,	Cordelia Cushman,	27	9	27	Intestinal Pneumonitis,	Seth C. and Frances Cushing.
June 8,	Michael Riny,	74	5	—	Recorded in Marshfield,	Died in Marshfield.
" 18,	Asenath Curtis,	89	—	12	Old Age,	Charles and Annie Witherell.
" 19,	William Francis Hoxie,	20	14	—	Typhoid Fever,	Edward W. and Mary C.
" 19,	Catherine Ruggles Warren,	31	11	16	Remittent Fever, [Bowels,	David and Elizabeth C. Robbins. Died in Brook-
" 20,	William B. Tribble,	65	5	29	Consumption of Blood and	William and Betsey. [In N. Y.
" 24,	Margaret G. Churchill,	66	8	6	Congestion of Lungs,	John and Margaret Gilchrist.
" 25,	Albert G. Goodwin,	85	1	7	Old Age,	Nathaniel and Lydia. Died in
" 28,	Florence Freeman Gooding,	6	2	29	Disease of Liver,	Benj. W. and Lydia S. [Malden.
July 3,	Jerusha Bartlett,	73	—	—	Marasmus,	Samuel & Sarah M. Briggs. [Boston
" 19,	Katie F. Savin,	21	6	3	Septicæmia,	Thomas M. and Sarah A. Died in
" 23,	Maggie B. Stegmaier,	23	11	—	Consumption,	David & Marion Brown. Died in
" 23,	Lucy May Forstmeier,	70	10	8	Meningitis,	Victor H. & Pauline. [Kingston.
" 25,	Deborah L. Barnes,	44	7	28	Recorded in Rockland,	Patience & Eleanor Kimball. Died in Rockland.
" 27,	Carrie G. Vaughn,	44	10	21	Consumption,	Andrew & Matilda Hart. Died in
" 29,	Annie May O'Donnell,	—	9	22	Cholera Infantum,	Thos. H. & Annie M. [Kingston.
Aug. 3,	Mary S. Griswold,	27	10	—	Heart Disease,	Lorenzo M. & Susan H. Bennett.
" 3,	Lydia Ann Harvey,	80	8	22	Paralysis of Brain,	Charles and Sarah J. Jones.
" 5,	Esther C. Holmes,	31	8	17	Tumor,	Gustavus G. & Esther C. Sampson
" 6,	Salina Helen Dunn,	36	4	12	Bright's Disease,	Timothy T. and Salina Eaton.
" 9,	Edward P. Malone,	—	1	—	Exhaustion,	John & Jane. Died in Kingston.
" 11,	Margaret Mahon,	60	—	—	Probably Peritonitis,	Galagher.
" 12,	Mary Frances Reidle,	—	11	6	Hydrocephaloid,	Sebastian and Maria.
" 18,	Jesse E. Keith,	63	3	16	Probably Apoplexy,	Benjamin and Sally.
" 19,	Zenas Churchill,	43	2	—	Consumption,	Hiram and Betsey.
" 21,	Jesse Harlow,	65	10	16	Paralysis,	Jesse and Mary S.
" 29,	Mary M. Harlow,	64	9	19	Heart Disease,	James and Betsey Morton.
Sept. 1,	Thomas Cornish,	85	5	—	Fracture of Skull,	Thomas and Jerusha.
" 6,	Betsey Crocker Bagnell,	62	7	—	Malignant Disease of Liver,	Benjamin and Lucy.
" 6,	Ann W. Nelson,	47	—	—	Intersusception of Bowels,	
" 7,	Eliza B. Crafts,	70	—	—	Apoplexy,	Charles and Ruth Bowen.
" 8,	Rosa L. Webquish,	22	5	28	Phthisis,	S. L. [Kingston.
" 10,	Antonio M. Beytes,	80	3	9	Old Age,	James and Carolina. Died in
" 13,	Mary Ann Willoughby,	92	6	7	Hæmaturia and Old Age,	Wm. & Katharine. Died in Fram-
" 18,	Mary Chilton Locke,	42	10	29	Phthisis,	Corban & Mary Ann Barnes. [Ingham

## Deaths Registered in Plymouth in 1887.—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
Sept. 20,	Herbert Francis Wayland Paulding,	—	4	—	Brain Disease,	Edwin S. and Caroline F.
" 29,	Maria E. Cox,	68	7	1	Paralysis,	Ichabod and Deborah Howland.
" 29,	Edward T. Badger,	28	10	6	Pulmonary Tuberculosis,	Edward D. and Ophelia A.
" 30,	Levi M. Westgate,	76	5	—	Cerebral Softening,	Benjamin and Lucinda. Died in
Oct. 2,	William R. Sever,	96	4	2	Old Age,	John and Nancy. [Togus, Me.
" 3,	James W. Knights,	37	6	23	Congestion of Bowels,	Joseph W. and Sarah.
" 3,	Stephen C. Glass,	55	6	19	Pneumonia,	John and Mary.
" 7,	Caleb C. Coombs,	58	10	7	Fracture of Spine,	C'reighton and Ann.
" 7,	Rebecca Helen Harlow,	28	3	3	Chronic Disease of Kidneys,	Ivory L. and Rebecca B.
" 7,	Lydia Bradford,	82	11	11	Old Age,	Frederic and Lydia A. Peterson.
" 8,	William T. Pierce,	30	3	19	Consumption,	Ezra and Deborah.
" 11,	Emma E. Norris,	64	—	—	Consumption,	William Stubbs.
" 15,	Lydia Robbins,	75	—	14	Heart Disease,	Ephraim and Lydia Fuller.
" 18,	Salina Doten,	81	8	13	Old Age,	John and Betsy.
" 19,	George Shaw,	64	10	16	Pneumonia,	John and Mercy.
" 22,	Hiram Bartlett,	83	3	24	Probably Heart Disease,	Samuel and Olive.
" 25,	Andrea Larsen,	—	4	8	Hydrocephaloid,	Sophus and Mary E.
" 29,	Carrie F. Holmes,	21	7	11	Pulmonary Phthisis,	Andrew and Caroline F.
" 31,	Clara Frances Meuns,	18	3	—	Phthisis Pulmonalis,	Robert F. and Hannah J. Died
Nov. 1,	Mary McNeil,	5	—	6	Tubercular Meningitis,	James and Mary. [in Boston.
" 3,	James Finney,	78	1	28	Old Age,	George and Abigail.
" 6,	Edward A. Spooner,	57	9	29	Heart Disease,	Bourne and Hannah. Died in
" 7,	Maria Garvey,	35	10	4	Tuberculosis,	Jas. & Mary Scanlan. [Kingston.
" 8,	Maria E. Hathaway,	57	1	15	Cancer of Liver,	Elijah and Maria Brooks.
" 12,	Sylvia L. Snow,	43	10	27	Disease of Brain,	Isaac and Sylvia Quinell.

Nov.	15,	— Anderson,	—	—	1	Imperfect Development,	Robert and Jane.
"	17,	Bartholomew Sullivan,	86	—	2	Old Age,	Bartholomew and Mary.
"	20,	Charlotte Newhall,	77	6	10	Intestinal Gangrene,	Ebenezer and Sally Holmes.
"	24,	Deborah D. King,	1	7	10	Inflammation of Brain,	Sylvanus W. and Deborah H.
Dec.	3,	Winslow Bradford Barnes,	57	7	7	Pulmonary Embolism,	Bradford and Mary.
"	3,	Temple Hovey Bartlett,	54	2	21	Paralysis,	Hiram and Euphemia.
"	3,	Eliza L. Dunn,	32	2	13	Recorded in Abington,	Thos. & Catherine Dinneen. Died
"	12,	Annie A. McNally,	4	3	19	Croup,	James and Mary. [in Abington.
"	13,	Jerusha Chandler,	75	9	12	Apoplexy,	Peabody and Lucy Bartlett.
"	14,	Patrick Duggan,	63	10	28	Heart Disease,	Patrick and Catherine.
"	19,	Lucy Harlow,	85	7	6	Heart Disease,	Zenas and Lydia. [Taunton.
"	19,	Samuel E. Lauman,	68	3	8	Senile Insanity,	Samuel and Content. Died in
"	21,	Thankful S. Tribble,	74	9	—	Cerebral Apoplexy,	John B. & Hannah Chandler. Died
"	24,	Frank A. Volk,	9	9	—	Scarlet and Rheumatic Fever,	Leopold and Barbara. [in Somerville.
"	26,	Mary Ann Volk,	11	6	6	Scarlet Fever,	Leopold and Barbara.
"	27,	Albert Whiting,	59	6	10	Phthisis Pulmonalis,	Nathan. Died in Brockton.
"	27,	Samuel Sampson,	69	10	5	Phthisis Cerebritis,	Samuel and Abigail.
"	28,	Betsey M. Sherman,	27	9	—	Phthisis,	Morton and Hannah Robbins.
"	28,	Henry Whiting,	72	—	20	Heart Disease,	Henry and Grace.
"	28,	Frederick Harold Wright,	3	5	14	Scarlet Fever,	William H. and Mary A.
"	31,	Thatcher Nickerson,	50	4	—	Heart Disease,	Thatcher and Patty.



## SUMMARY.

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The following are the statistics of births, marriages and deaths, registered in Plymouth for the year ending December 31, 1887 :

### *BIRTHS.*

Number of births registered in 1887 .....	164
Males .....	102
Females .....	62

The parentage of the children is as follows :

Both parents American .....	94
Both parents born in Germany .....	12
"        "        British Provinces .....	11
"        "        Ireland .....	5
"        "        Italy .....	3
"        "        Sweden .....	1
"        "        Western Islands .....	1
Mixed, one American .....	26
Mixed, other nationalities .....	7
Unknown .....	4

### *MARRIAGES.*

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Number of marriages registered in 1887. ....	73
Both parties born in United States .....	54
"        "        British Provinces .....	4
"        "        Germany .....	3
Mixed, one American .....	8
Mixed, other nationalties .....	4



*DEATHS.*

Number of deaths registered in Plymouth in 1887, 165,—35  
of which occurred out of town, burial taking place in Plymouth.

Females..... 83

Males..... 82

Born in United States..... 144

“ Ireland..... 8

“ British Provinces..... 3

“ England..... 2

“ Germany..... 2

“ South America..... 1

“ Scotland..... 1

“ Holland..... 1

“ Italy..... 1

Birthplace unknown..... 2

CURTIS DAVIE, *Town Clerk.*



COPY OF ARTICLES IN THE WARRANT  
 FOR THE ANNUAL TOWN MEETING, TO BE HELD  
 IN ODD FELLOWS' HALL, AT 8.30 O'CLOCK IN  
 THE FORENOON OF MARCH 5, 1887.

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ARTICLE 1. To choose a Moderator.

ART. 2. To hear the report of the several officers and committees of the Town, and act thereon.

ART. 3. To choose all necessary town officers for the ensuing year. The following officers will, in accordance with a vote of the Town, and until otherwise ordered, be voted for on one ballot, to wit: Selectmen, Town Clerk, Treasurer, Assessors, Constables, Collector of Taxes, Overseers of the Poor, Water Commissioners, School Committee, Board of Health, Committee on Agawam and Half-Way Pond Fishery.

ART. 4. To accept and revise a list of Jurors prepared by the Selectmen.

ART. 5. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes, and for disbursements under the provisions of the laws relating to State aid, and to defray the expenses of the Town after January 1, 1889.

ART. 6. To make the necessary appropriations to defray the expenses of the Town, and for other purposes, and raise such sums of money as the Town shall deem expedient.

ART. 7. To see if the Town will appropriate the sum of \$125 to defray the expenses on Decoration Day.

ART. 8. Shall licenses be granted for the sale of intoxicating liquors in this Town? Vote to be by separate ballot, "yes" or "no," in answer to the question.

ART. 9. To see if the Town will choose a Superintendent for Chiltonville Burial Ground, and appropriate money for the same.

ART. 10. To see if the Town will authorize the Selectmen to prosecute, compromise or defend, any claim or suit within the Commonwealth, in the name of the Town.

ART. 11. To see if the Town will appropriate one thousand dollars for the enlargement of the Sub-Primary School-house on Oak Street, and the Grammar School-house at Chiltonville, as recommended by the School Committee.

ART. 12. To see what action the Town will take in aid of the Public Library.

ART. 13. To see what action the Town will take, on the order of the County Commissioners, to widen and change the grade of the road at the north part of the Town.

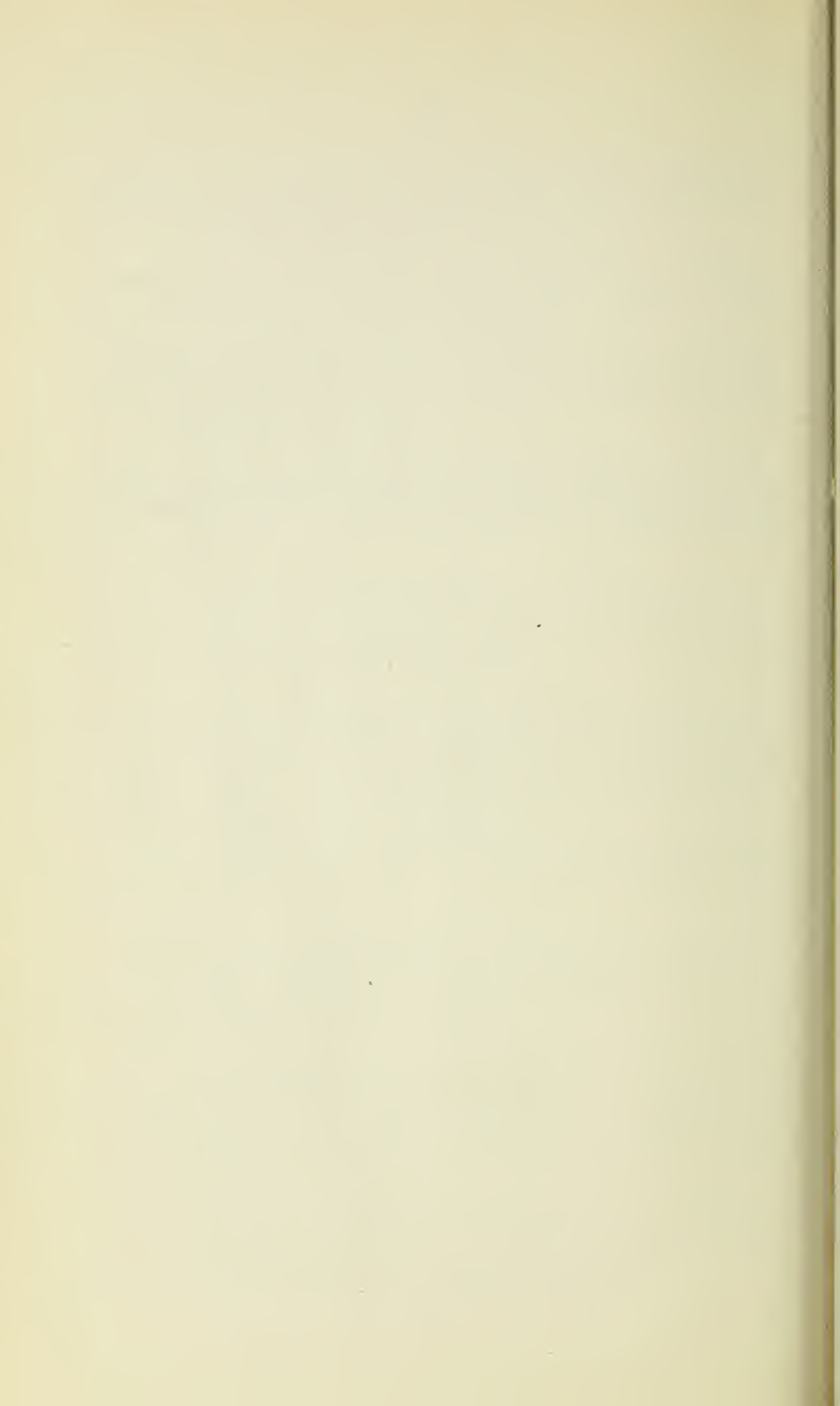
ART. 14. To see if the Town will authorize the Board of Engineers of the Fire Department to purchase a steam fire engine and 500 feet of hose, and appropriate the sum of \$4,300 to pay for the same.

ART. 15. To see what action the Town will take in relation to furnishing horses for the use of the Fire and Water Departments, and secure suitable accommodations therefor.

ART. 16. To see what action the Town will take in regard to the recommendations of the Water Commissioners.

ART. 17. To see if the Town will instruct the School Committee, together with the Selectmen, to procure and report to the Town, plans and estimates, and a suitable location, for a new High School Building, and make such appropriations as may be necessary to carry the vote of the Town into effect.

ART. 18. To see if the Town will accept the laying out of the extension of Vernon Street and Highland Place, as made by the Selectmen.





# ANNUAL REPORT

—OF THE—

## SCHOOL COMMITTEE

—AND—

## SUPERINTENDENT OF SCHOOLS

—OF THE—

## TOWN OF PLYMOUTH

—FOR—

# 1887.

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PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1888.

## SCHOOL COMMITTEE.

---

	TERM EXPIRES.
CHARLES O. CHURCHILL, . . . .	1890
ELIZABETH THURBER, . . . .	1890
CHARLES I. LITCHFIELD, . . . .	1889
JAMES MILLAR, . . . .	1889
FREDERICK N. KNAPP, . . . .	1888
WILLIAM T. DAVIS, . . . .	1888

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CHAIRMAN—FREDERICK N. KNAPP.

SECRETARY—ELIZABETH THURBER.

SUPERINTENDENT OF SCHOOLS—CHARLES BURTON.

## REPORT OF THE SCHOOL COMMITTEE.

---

The School Committee respectfully submit their annual report for the year ending December 31, 1887.

At the annual meeting of the Town in 1887, an appropriation was made :

For the support of schools and for books and  
supplies of ..... \$23,800 00

In addition to the above the School Department has had placed to its credit the following items :

Undrawn balance of 1886.....	239 78
School fund from the State.....	82 85
Proceeds of sale of lot on Summer Street...	100 00
Proceeds of sale of two out-houses.....	10 00
Proceeds of sale of old stoves.....	9 68
Proceeds of sale of coal at Chiltonville.....	5 00
Income of the Murdock fund.....	18 25
Appropriation for evening school.....	300 00

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Total credits..... \$24,565 56

The amount of bills paid during the year has been—

For schools, books and supplies.....	\$23,638 84
For evening school.....	38 77
	<hr/>
Total expenditures.....	<u>\$23,677 61</u>

Leaving the following undrawn balances—

On account of schools, books and supplies...	\$626 72
On account of evening school.....	261 23
	<hr/>
Total undrawn balance.....	<u>\$887 95</u>

The undrawn balance belonging to the evening school will be expended in the maintenance of that school, and when the balance is exhausted the school will close. The undrawn balance belonging to the schools and books and supplies will be reduced by the payment of bills remaining unsettled when the accounts were made up, amounting to \$216.37. After the payment of these bills, the actual undrawn balance after the settlement of all liabilities, will be \$410.35, leaving the sum of \$23,855.21 as the cost of maintenance of schools, including books and supplies.

The classified expenses, not including those of the evening school, have been as follows :

For—

Salaries of teachers.....	\$16,467 66
Repairs and room supplies.....	1,196 24

Books and supplies.....	\$1,876 00
Fuel.....	901 00
Janitors.....	991 66
Superintendent.....	1,100 00
Music teacher.....	594 00
Horse hire.....	153 00
Truant officers.....	75 00
Scholars at Clark's Island and the Gurnet...	38 57
Care of privies.....	41 00
Printing.....	135 29
Hall for High School Exhibition.....	25 00
Travelling expenses.....	10 00
Tuning piano.....	4 00
Sundries.....	30 42
	<hr/>
	\$23,638 84

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In explanation of the credits for the sale of a lot of land on Summer Street, and two out-houses, amounting to \$110, it is proper to state that the Committee, by authority of a vote of the Town, sold the lot on which the Oak Grove School-house stood, and removed the building to the northerly part of the school-house lot on Oak Street, selling the two old out-houses not needed in the new location. In its new position the building was raised to the height of the other school-house on the lot, underpinned with brick, and put in good condition at an expense, including the cost of removal, not far exceeding the proceeds of sales.

The Committee recommend for the support of schools and the purchase of books and supplies, the same appropriation as that of last year—\$23,800. They recommend in addition an appropriation of \$1,000 for the enlargement of the Oak Street sub-Primary school-house, and the Grammar school-house at Chiltonville, both of which houses have been out-grown by the number of scholars they are required to accommodate.

This has been a good year with our public schools, so far as the faithfulness and efficiency of teachers are concerned, and the progress made by a majority of the scholars, such as have been punctual in their school attendance. But there have been two serious hindrances to best results; both of these ought to be remedied, and we are sure that both would be remedied if the parents of the pupils, on the one hand, and the voters of the Town on the other, fully realized the condition of things.

The first hindrance referred to is the frequent absence of pupils in some of the schools for half days, or whole days. Evidently, parents allow children to be detained, or to remain at home for very frivolous reasons. Such absences interrupt the classes, impose large additional work upon the teachers, and retard the progress of the pupil. As part of this same existing evil, and akin to it, we must also note the cases of truancy which we are now endeavoring more efficiently to meet. The other hindrance, to which we refer, has been the condition of



two of our school buildings, where, during the very cold weather, it was impossible, as at present provided, for the rooms to be made warm enough to make it safe for the pupils to remain in school.

This condition in the Mt. Pleasant School building can probably be remedied by the introduction there of a steam heating apparatus, which your Committee leave to the action of the Town, if they see fit to order it to be introduced.

This condition in the High School house can be remedied only, by as radical a change as building a new High School house, the need of which has been so long acknowledged by our community at large.

This need becomes every year more and more apparent, and the High School can never accomplish its best work, nor can the best interests and the rights of the pupils be secured until such reasonable facilities for air, light and comfort, as most other towns of the Commonwealth provide, are offered to the school children of Plymouth. This demand for a new building has been so frequently urged upon the attention of the Town, by the School Committee, that we do not propose again to give the broader reasons for action, but we mention it again, as the subject has been forced upon our attention by the condition of the rooms during the recent cold weather.

In order that the Town may have an opportunity of expressing their views and acting on the subject, a majority of the Committee have requested the Select-

men to insert the following article in the warrant for the annual meeting : "To see if the Town will instruct the School Committee together with the Selectmen to procure and report to the Town plans and estimates, and a suitable location for a new High School building, and make such appropriation as may be necessary to carry the vote of the Town into effect."

The provision for larger facilities for instruction in the branches of natural science in the High School, has given great satisfaction. New interest has been awakened in the pupils, and some have been led to the study of the application of scientific principles to practical results, thus showing the value of such studies for young men, who are to be concerned in business life. Instruction in Book-keeping, recently made part of the Grammar School course, is meeting a real want in the way of preparing our young men for business ; those who may not pursue the High School course.

Among the improvements, for which we think larger provision should be made, are facilities for extending in our Primary Schools, "Object Teaching," somewhat kindred to the methods of the kindergarten system. We would not substitute this for the present system, but only avail ourselves of its wise suggestions and methods, so far as they can be grafted on the existing organization. In two or three of our schools this has already been tried, with most marked and gratifying results, as the accompanying report of the Superintendent will show

more in detail. This is one of the subjects in connection with common school education which is taking a prominent place with School Boards all through the community, where the best methods of education are discussed. It is a question of the day ; one on which not School Committees only, but parents also, ought to be informed, in order that efficient and cordial co-operation may be secured. It is based on the reasonable question : Is our present method of dealing with children from five to eight years of age, the very best for awakening an interest in study and forming those habits of observation and application, which they should carry with them through all the higher grades of schools? It is, evidently, a very important question ; and the fact that children so far "have got along very well" under the old way, is no evidence that other ways, better adapted to their young minds, cannot be devised ; and, if they can be devised, we owe it to children to secure such.

At a recent meeting, December 27, of the Boston School Board, a Sub-Committee of the Board, which had been appointed to ascertain the value of this improved system of instruction for young children, in connection with public schools, made a very full report, showing its advantages in such a strong light, based on the facts of actual experiment, as induced the Committee unanimously to recommend that steps be taken to engraft this upon the system of public school instruction ; and in other places similar action has been taken.

We recommend to all, the careful reading of the more extended and carefully prepared report of the Superin-

tendent, which accompanies this brief report of the Committee. It contains valuable suggestions, and presents subjects of thought, which have a claim upon every person who is interested in the welfare of the school children of Plymouth.

All which is respectfully submitted,

FREDERICK N. KNAPP,	}	<i>School Committee.</i>
CHARLES I. LITCHFIELD,		
WILLIAM T. DAVIS,		
JAMES MILLAR,		
ELIZABETH THURBER,		
CHARLES O. CHURCHILL,	)	

PLYMOUTH, Feb. 6, 1888.

## SUPERINTENDENT'S REPORT.

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TO THE SCHOOL COMMITTEE OF PLYMOUTH :

Your attention is respectfully invited to the following report on the condition and welfare of our public schools :

In looking back upon the last few years, a very marked improvement is visible in the modes of instruction, and in the corresponding intelligence of the pupils. The routine method is in a great degree superceded by fresh and original teaching, and scholars feel the life infused by earnest and progressive teachers. The traditional conservatism that prevailed in former times in regard to the relative importance of studies and methods of teaching them, has given place, in an encouraging degree, to freer and more spontaneous treatment on the part of both teachers and pupils. Mere memorizing is severely discouraged, and scholars are induced to think and reason upon the subjects to which their school life is devoted, and to apply the knowledge thus gained to the objects and pursuits of daily life. In this, much aid is obtained from the supplementary reading with which the schools are quite liberally supplied. In view of what has been accomplished in the path of progression, we may hope that the future will bring about still more radical and beneficial changes.



## ATTENDANCE.

A great hindrance to the good which children might obtain at school is irregular attendance. A few irregular members break up the interest of the whole class to which they belong, and the efforts of parents and teachers should be directed to the prevention of this great evil. It is hoped that by the new order of examinations, in which punctuality in attendance will increase the rank of the scholar, some reform in this respect may be secured.

Truancy is not frequent; but there are still cases that require the intervention of the truant officer. This office, recently made vacant by the death of the late Capt. Henry Whiting, who served for several years with firmness and moderation, has been wisely filled by the Committee in the election of Capt. Joseph Hunting, from whose well-known faithfulness and efficiency, good results are expected.

## PHYSIOLOGY.

The laws enacted by our legislature, requiring Physiology and Hygiene to be taught in our schools, have been for the last two years complied with. The clause that requires that in both divisions of the subject "special instruction shall be given as to the effects of alcoholic drinks, stimulants and narcotics, upon the human system," has received attention. But mere book study of Physiology will give small knowledge of the science. The teacher should possess the power to give oral instruction, and illustrate the points that will excite and interest the attention of the pupils. Much can be done orally in the lower grades of the schools. Even the youngest pupils



will be interested in such topics as the eye, the ear, the tongue, the teeth, and the adaptations of these various organs of the body to the needs which they supply. The circulation of the blood, respiration and digestion, may also be treated in such a manner as to be highly interesting and beneficial to the young; and formal lectures with the aid of the excellent Physiological charts which are at present obtainable, would be conducive, and, indeed, are really necessary, to bring these subjects to the clear and intelligent understanding of scholars. To combine with such instruction the knowledge of such facts in regard to the effects of alcohol upon the human system as will be appreciable by children and young people, will naturally have a vast influence in exciting such a dread of intemperance in the rising generation, as will lead to the promotion of good morals, the progress of good government, and the security of happy homes.

### MUSIC.

The same attention has been given to Music as in the past few years, somewhat interrupted in the last year by the enforced absence of the teacher, Mr. Leonard, from his duties for a few weeks. Still, the schools have made commendable progress.

It is altogether unnecessary, in such a community as ours, to go into any argument in favor of the study and practice of music in our schools. Its aid in discipline, and its influence on the emotional nature of children in the promotion of cheerfulness and good feeling, are good reasons why it should be accorded the importance that there belongs to it. But we should do well to consider

the refinement and pleasure that it brings to the homes of these children who are receiving a good musical training in the schools. The love which the young people of Plymouth evince, after they have left school, for the science of music, as shown by the proficiency attained by many of them in both vocal and instrumental music, has undoubtedly, in great part, its origin in the taste acquired at school; and as it affords a pleasure which will not wear out, but will increase as the years go on, we may well rejoice that the wisdom of our School Committee has placed instruction in Music on a sure basis, by employing a well qualified teacher in this important department.

### DRAWING.

Although we have never yet employed a special teacher of Drawing in our schools, the subject has received considerable attention from the regular teachers of the Primary, Intermediate and Grammar grades, and good work has been done. It is universally allowed that Drawing is of great value as a means of culture, and that the power to draw well is the opening door to many lucrative employments.

The importance of this branch of school occupation being conceded, it would seem that every effort should be made to afford the best instruction in it within our means, to the children in our schools. To this end it is highly necessary that a professional teacher should be employed to instruct, at stated intervals, the regular teachers of our schools, in the principles and practice of scientific drawing.

## PRIMARY SCHOOLS.

The attention of the Committee is especially called to the important topic of Primary schools. It affords me great pleasure to say that they are at present in a very prosperous condition. They are fortunate in possessing a corps of teachers that are earnest and active in their work, and are ever ready to adopt such improved methods of instruction as the present day is rapidly developing. The teachers of the sub-Primaries have for some time successfully combined the principles and practice of the Kindergarten system with the customary school work, with much pleasure and benefit to the little ones. This success is particularly gratifying, as it is an object which we have been anxious to attain, and for which we are indebted, in a great measure, to the aptness and enthusiasm of these teachers. The Kindergarten system, which is founded on scientific principles, is a good beginning for the progressive course of scientific study which should be followed through all the school grades. Then, when scholars reach the High School, and are expected to take advanced views of scientific subjects, and to use books often so difficult to them, they will be better prepared, by their previous discipline, to enter with readier appreciation upon the harder work required of them.

The Intermediate Schools, the links between the Primary and the Grammar Schools, pursue the same studies, though of a more advanced character and on the same principles that form the basis of the Primary School instruction; and thus, under the care of the present judicious teachers, the children are, step by step, prepared for entrance into the Grammar Schools.

## GRAMMAR SCHOOLS.

The course of study in the Grammar Schools has, during the past year, reached a good degree of excellence. Experienced and efficient teachers have now the charge of these schools, and they are in a very satisfactory condition.

The study of Book-keeping has been received with much approval by both parents and scholars, and its benefits are apparent to all. It has taken the time formerly devoted to Penmanship, and has effected much improvement in this branch. Scholars are taught Book-keeping by single entry, and are required to put down all their work with neatness and precision, and are thus prepared to enter with some intelligence upon a business life. And when to this is added the year in the High School, in which more advanced treatment of this branch is given by a thoroughly competent teacher, it would seem that ample facilities are afforded in our school course to those who would acquire a wider practical knowledge of mercantile transactions.

The study of Geography has been pursued in a somewhat different manner from that usually practised, requiring more research and investigation on the part of the pupil, and more illustration and wider knowledge on the part of the teacher. Free conversation on the topics of the lessons is allowed, and scholars are encouraged to use the resources of the Public Library for books of reference giving information on the subjects studied. It is very desirable that the teachers' tables should be sup-

plied with books that will aid the scholars in their inquiries.

Another important addition to the Grammar School course is the study of "Elementary Steps in Science," written by the French scientist, Paul Bert. It contains a concise natural history of minerals, plants and animals, and a simple treatise on Physiology, Physics and Chemistry. The style of the book is conversational, and the subjects are presented in an easy and natural manner, adapted to the comprehension of children of ten or twelve years of age. The study of these subjects, for which they have been gradually prepared by their instruction in the Primary and Intermediate schools, will, under the more advanced studies of the High School, become easier and more appreciable by them; and should their school life end with their graduation from the Grammar School, they will be furnished with a knowledge of the first principles of natural science, which will be the best outfit that we can give them for practical usefulness and success in the world.

### HIGH SCHOOL.

It is pleasant to be able to report the general condition of the High School as very gratifying. The discipline is as perfect as could be desired, and a bright and cheerful spirit prevades the school. The teachers are active and enthusiastic in their work, and the interests of the school are prospering under their care.

The programme of studies is essentially the same as in years past and very little change can be suggested, ex-



cept in regard to the time given to the study of History, which does not seem sufficient to cover the broad field, which that department requires. This study, more than any other in our prescribed course, is calculated to fit the scholar for the duties of the citizen, by making him acquainted with the causes that affect the prosperity of a people, and by bringing before him the lives of eminent statesmen and patriots.

The subject of Chemistry has received unusual attention during the last year. Miss Briggs, the teacher who had charge of that subject for the last three years, resigned her position last July, much to the regret of her pupils, and of all interested in that department of study. Miss Merrow, a graduate of Wellesley College, was elected to take her place, and the Committee is fortunate in securing the services of so able a teacher. She had, in her educational course, devoted herself almost exclusively to Science, with special reference to the subjects of Chemistry and Physics, and by her earnestness and industry, proves herself well fitted for the work.

Heretofore, this department has labored under great disadvantages for the want of suitable apparatus for the illustration of the subjects presented. In the study of Chemistry, in particular, the aid of a laboratory is indispensable. During the last year we have been furnished with one, ample for all our needs. Water and gas have been supplied, and a table furnished, capable of accommodating twenty scholars at their work at one time. These subjects can now be taught in our High School in



such a manner as to satisfy the demands of modern science.

But, notwithstanding the facts that this school is supplied with a corps of able teachers, and a course of study that outlines a liberal education for the youth of our Town, there is still the drawback of an old, unattractive, and inconvenient building, that must repel rather than attract pupils to its walls.

Enough has been said in previous reports of its various disadvantages to the health, comfort, and improvement of the scholars. The teachers are consequently much hindered in their work by the irregularities in attendance, caused by the fear of careful parents to expose their children to the risks to health, which cannot be avoided in so dilapidated a building, and originally constructed without any design for the purpose for which it is used.

It is believed that the public voice would heartily approve a renewed action of the Committee in an effort to replace this old structure by one worthy of our Town, and suited to its imperative needs.

### SCHOOLS IN THE OUTLYING DISTRICTS.

The schools in the outlying districts of South Pond, Long Pond and Cedarville are generally in a prosperous state. They are all supplied with competent teachers, and are doing good work in their particular branches of study.

A school has lately been opened at Ellisville, and the selection of the new teacher, Miss Addie H. Blackmer, has proved very satisfactory.

Chiltonville and South Plymouth schools are as perfectly graded as the scattered state of the population will admit into the two divisions, Primary and Grammar, and in both districts, the schools are well taught. Chiltonville sends a good number of well prepared scholars to the High School.

### NEW ORDER OF EXAMINATIONS.

The method of examination hitherto practiced in our schools has been unsatisfactory in various ways. It has required too much labor on the part of the teacher, produced too much nervous exertion on the part of the scholar at fixed periods, and excited little rivalries in the school-room which ought to be discouraged as much as possible.

The following arrangement of the work seems to reduce these evils to a minimum, and has been received with much favor by the teachers.

All schools below the High School are to be divided into two sections, -- the first section to consist of those scholars who may be considered able to complete the course of the school during the year; all other scholars to be placed in the second section. The first section is to be divided into two classes, -- the first class to consist of those scholars who, on account of the excellence of their monthly report in behavior, attendance and scholarship have been excused from further examination for pro-

motion at the end of the year, provided they retain their position in the first class, six out of the ten months of the school-year.

There will be a written examination at the end of each term, with questions prepared by the Superintendent, for the scholars of the first section who are not in the first class.

At the end of each month, teachers are to determine, by their own examination, who are to retain their position in the first class, and who are to be promoted to it. Instead of numbers, these descriptive terms are to be used in reporting the standing of scholars: *Excellent, Good, Fair, Poor, Bad*. An average of "Good" in behavior, attendance and scholarship shall entitle a scholar to a place in the first class.

In the Grammar Schools, scholars are to be examined in Written and Mental Arithmetic, Grammar, History, Composition, and Spelling.

In the Third and Second Grade Schools, scholars are to be examined in Written and Mental Arithmetic, Geography, Spelling, and Composition.

In the Primary Schools, scholars are to be examined in the four elementary rules in Written Arithmetic, Mental Arithmetic, Reading, Spelling, and Composition.

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In accordance with the vote of the Town, an evening school was opened in October last for the instruction of those young persons whose daily employments do not permit them to devote any other time than the evening

to intellectual improvement. The appropriation for this purpose was very small, not more than enough to pay for the instruction of the school for some twenty weeks, with no provision for the rent of rooms. Application was therefore made to the Selectmen for use of rooms in the Town House, which was freely granted. These were furnished in the simplest and cheapest manner, and two very competent teachers from the Grammar Schools, Mr. C. F. Cole and Mr. E. E. Sherman, were employed to take charge of the instruction and management of the school. The attendance has been necessarily irregular, on account of the severity of the weather and the impossibility of heating the rooms to a comfortable temperature. At first the number of applicants for admission was larger than could be accommodated ; but at the present time the school consists of about forty scholars, as large a number as can profitably be taught by two teachers. Fifteen of these are foreigners, under twenty-one years of age, who, according to a late statute of the state, are not permitted to work in its manufactories until they have obtained sufficient knowledge of English to enable them to speak and write it. As this requirement renders it necessary for us to maintain an evening school, it is to be hoped that we shall be able to appropriate a more liberal sum to its support and improvement.

The studies pursued are Reading, Writing, Arithmetic, and Book-keeping. For this last named study there is much desire among the scholars.

I would in this place express my appreciation of the constant courtesy and kindness of the Committee in all my transactions with them in the complicated interests of the schools; and, in conclusion, it is but just to say that whatever of improvement or of excellence the schools have attained, is in a great proportion due to the ready and energetic co-operation of the teachers in whatever measures have been proposed in the way of educational progress and reform.

CHARLES BURTON.



## ROLL OF HONOR.

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The following High School pupils were not absent during the school-year, from September 13, 1886, to July 1, 1887 :

Mary V. Bennett,

Emma D. Hathaway,

Mary W. Klingenhagen,

Nellie F. Pope,

Lizzie H. Sampson,

Bessie A. Townsend,

George V. Bennett,

Alphonso Gibbs,

Frank C. Holmes,

Isaac T. Holmes,

Harold Mott Smith,

Walter G. Smith.



## APPENDIX.

## Statistics.

LOCATION OF SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrolment.	Average Membership.	Average Attendance.	No. over 15 years.	No. between 8 and 14 years.
Green,	High School,	Carrie E. Small,	\$1400	146	135	129	67	79
		Ellen M. Beane,	700					
		— Merrow,	700					
		Anna M. Klingenhagen,	400					
		Jennie C. Whitten,	400					
Russell St.,	Grammar,	Aaron H. Cornish,	1000	45	38	35		45
Mt. Pleasant,	Grammar,	Seth S. Crocker,	1000	59	52	47	11	48
North,	Grammar,	Charles F. Cole,	1000	45	41	38	6	39
Chiltonville,	Grammar,	Elmer E. Sherman,	1000	43	41	39	5	32
So. Plymouth,	Grammar,	Frances A. Hadaway,	400	31	24	20	2	29
North,	Intermediate,	Anna A. Jones,	500	57	45	40		57
Wellingsley,	Intermediate,	Addie F. Bartlett,	360	3	29	26		21
Russell St.,	Third Grade,	Carrie I. Mace,	360	50	54	50		59
Mt. Pleasant,	Third Grade,	Augusta M. Morton,	360	54	46	41		53
Russell St.,	Second Grade,	Mary A. Aldrich,	320	40	37	33		40
Russell St.,	Second Grade,	Mary H. Chandler.	320	45	42	38		45
Mt. Pleasant,	Second Grade,	Nellie D. Burbank,	320	54	51	36		54
Cold Spring,	Primary,	Frances E. Hovey,	300	42	37	31		19
School St.,	Primary,	Priscilla Perkins,	300	50	46	43		38
South St.,	Primary,	Charlotte A. Bearse,	300	27	21	18		2
Oak St.,	Primary,	Lina F. Bates,	300	37	33	30		22
Mt. Pleasant,	Primary,	Grace D. Chandler,	300	39	35	30		27
North,	Primary,	Mary Moning,	300	37	33	25		36
Spring St.,	Sub-Primary,	Lucy M. Harlow,	300	51	45	37		7
South St.,	1st Sub-Primary,	Mary E. Morton,	300	40	35	31		2
South St.,	2d Sub-Primary,	Katie O'Brien,	300	37	34	31		
Oak St.,	Sub-Primary,	Nellie M. Smith,	300	41	32	25		3
Cold Spring,	Sub-Primary,	Mary J. Ellis,	300	47	40	29		2
North,	Sub-Primary,	Myra C. Holmes,	300	75	50	43		11
Cliff,	Primary,	Martha W. Whitmore,	280	24	21	19		13
Chiltonville,	Primary,	Katie W. Sampson,	280	37	31	23		12
Russell Mills,	Primary,	Mary A. Morton,	280	43	22	21	1	22
So. Plymouth,	Primary,	Lydia A. Sampson,	280	31	23	18		17
South Pond,	Ungraded,	Addie E. Thrasher,	300	17	14	14		17
Long Pond,	Ungraded,	Nellie F. Pierce,	280	17	14	13	2	12
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	23	19	18	1	13

# High School: Order of Exercises.—Monday, Wednesday and Friday.

TIME.	MISS SMALL.	MISS BEANE.	MISS MERROW.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.00,	Opening Exercises,				
8.15-9.00,	2d Geometry, M. & W., 1st Geometry, F.,	1st Literature, M. & W. 2d Literature, F.,	Div. B., 4th Chemistry, M. & W., Div. A., 4th Chemistry, F.,	Div. A., 4th German, M. & W., 3d Literature, F.,	3d History, M. & W., Div. B., 4th History, F.,
9.00-9.45,	1st Geometry, M. & W. 2d Algebra, F.,	2d Literature, M. & W. 1st German, F.,	Div. A., 4th Chemistry, M. & W., 3d Book-keeping, F.,	3d Literature, M. & W., 4th Latin, F.,	Div. B., 4th History, M. & W.,
9.45-10.30,	1st Composition, M., 2d Algebra, W.,	1st German, M. & W., 1st French, F.,	2d Chemistry, M., 3d Comp., or } W. News of the Day, } Div. A., 4th Physics, F.,	4th Latin, M., Div. B., 4th Comp., } W. or News of the Day, } 3d Physical Geog., F.,	Div. A., 4th Comp., } W. or News of the Day, } 3d Physical Geog., F.,
10.30-10.45,	Recess.				
10.50-11.30,	2d Algebra, M., 1st Composition, W., 1st Algebra, F.,	1st French, M. & W., 2d German, F.,	Div. A., 4th Physics, M. & W., Div. B., 4th Physics, F.,	2d Latin, W., 3d Latin, F.,	3d Physical Geography, M. & W., Div. A., 4th History, F.,
11.30-12.15,	1st Algebra, M. & W., 2d French, F.,	2d German, M. & W., 2d French, F.,	Div. B., 4th Physics, M. & W., 1st Physics, F.,	3d Latin, M. & W., Div. B., 4th German, F.,	Div. A., 4th History, M. & W.,
12.15-1.00,	3d French, M., 2d Comp., or } W. News of the Day, } Rhetorical Exercises, } F. 1st Class, }	3d French, M., 2d Comp., or } W. News of the Day, } Rhetorical Exercises, } F. 2d Class, }	1st Physics, M. & W., Rhetorical Exercises, } F. 3d Class, }	Div. B., 4th German, M. & W., Rhetorical Exercises, } F. Div. B., 4th Class, }	Rhetorical Exercises, } F. Div. A., 4th Class, }

From March to July, Botany and Physiology are substituted for Chemistry and Physics in the Fourth Class.  
A composition is required from each pupil once in three weeks.

## High School: Order of Exercises.—Tuesday and Thursday.

TIME.	MISS SMALL.	MISS BEANE.	MISS MERROW.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.00,	Opening Exercises,				
8.15-9.00,	Div.B., 4th Geometry,	3d German,	2d Chemistry,	Div. A., 4th Literature,	1st History,
9.00-9.45,	Div.A., 4th Geometry,	2d French,	3d Book-keeping,	1st Latin,	Div. B., 4th Literature,
9.45-10.30,	1st Geometry, Tues., 1st News of the Day, Thurs.,	2d Composition, Tues., 2d Literature, Thurs.,	3d Composition, Tues., Div. A., 4th Physics, Thurs.,	Div. B., 4th Composition, Tues., 3d Literature, Thurs.,	Div. A., 4th Composition, Tues.,
10.30-10.45,	Recess.				
10.50-11.30,	1st Composition, Tues., 1st Algebra, Thurs.,	3d German, Tues., 3d French, Thurs.,	Div. A., 4th Chemistry, Tues., Div. B., 4th Physics, Thurs.,	1st Latin, Tues., 2d Latin, Thurs.,	Div. B., 4th History, Tues., Div. A., 4th History, Thurs.,
11.30-12.15,	2d Geometry,	1st Literature,	Div. B., 4th Chemistry,	Div. A., 4th German, Thurs.,	3d History.
12.15-1.00,	2d Algebra, Tues., Singing, Thurs.	3d French, Tues.	1st Physics, Tues.	4th Latin, Tues.	

## Grammar Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00-9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises	Opening Exercises.
9.10-10.10,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Book-keeping
10.00-10.30	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Book-keeping
	Recess,	Recess,	Recess,	Recess,	Recess,
10.45-12.00	U.S.History,	U.S.History,	U.S.History,	U.S.History.	Drawing,
P. M.					
2.00-2.45,	Elementary Science,	Reading,	Elementary Science,	Reading,	Composition,
2.45-3.30,	Grammar,	Grammar,	Grammar,	Grammar,	Composition,
	Recess,	Recess,	Recess,	Recess,	Recess,
3.45-4.00,	Spelling,	Spelling,	Spelling,	Spelling,	Reading of
4.00-4.30,	Study.	Study.	Study.	Study.	Compositions and
					Declamations

Music twice a week.

Elementary Science includes lessons in Physiology, Physical Geography, Botany, Zoölogy, Physics and Chemistry.

## Intermediate Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00-9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,	General Exercises,
9.10-9.30,	Music,	Music,	Spelling,	Music,	Music,
9.30-10.00,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
10.00-10.20,	Written Spelling.	Written Spelling,	Gymnastics,	Written Spelling,	Written Spelling,
10.20-10.30,	Gymnastics,	Gymnastics,	Music,	Gymnastics,	Gymnastics,
10.30-10.50,	Recess,	Recess,	Recess,	Recess,	Recess,
10.50-11.00,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,
11.00-11.30,	Geography,	Geography,	Geography,	Geography,	Geography,
11.30-12.00,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
P. M.					
2.00-2.40,	Writing,	Drawing,	Writing,	Drawing,	Writing,
2.40-3.00,	Mental,	Mental,	Mental,	Mental,	Mental,
3.00-3.15,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,	Correcting Spelling,
3.15-3.30,	Recess,	Recess,	Recess,	Recess,	Recess,
3.30-4.00,	Language Lessons, or	Language Lessons, or	Language Lessons, or	Language Lessons, or	Language Lessons, or
	Physiology,	Physiology,	Physiology,	Physiology.	Physiology.
4.00-4.30,	Reading.	Reading.	Reading.	Reading.	General Exercises.



## Primary Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00-9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,
9.10-9.20,	Phonics,	Drawing,	Phonics,	Drawing,	Phonics,
9.20-9.40,	1st Geog., 2d Arith.,	1st Geog., 2d Arith.,	1st Geog., 2d Arith.,	1st Geog., 2d Arith.,	1st Geog., 2d Arith.,
9.40-10.00,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,
10.00-10.05,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,
10.05-10.15,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,
10.15-10.30,	Singing,	Singing,	Ment. Arith.,	Singing,	Singing,
10.30-10.50,	Recess,	Recess,	Recess,	Recess,	Recess,
10.50-11.10,	Ment. Arith.,	Ment. Arith.,	Singing,	Ment. Arith.,	Ment. Arith.,
11.10-11.40,	Spelling,	Spelling,	Spelling,	Spelling,	Spelling,
11.40-12.00,	Language Lessons,	Language Lessons,	Language Lessons,	Language Lessons,	Language Lessons,
P. M.					
2.00-2.05,	Singing,	Singing,	Singing,	Singing,	Singing,
2.05-2.20,	Drawing,	Drawing,	Drawing,	Drawing,	Drawing,
2.20-2.40,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,	1st Arith., 2d Reading,
2.40-3.00,	1st Reading, 2d Arith.,	1st Reading, 2d Arith.,	1st Reading, 2d Arith.,	1st Reading, 2d Arith.,	1st Reading, 2d Arith.,
3.00-3.15,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,	Correcting Arithmetic,
3.15-3.30,	Recess,	Recess,	Recess,	Recess,	Recess,
3.30-3.50,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,
3.50-4.10,	1st Reading, 2d Study, Spelling,	1st Reading, 2d Study, Spelling,	1st Reading, 2d Study, Spelling,	1st Reading, 2d Study, Spelling,	1st Reading, 2d Study, Spelling,
4.10-4.30,	Spelling,	Spelling,	Spelling,	Spelling,	Readings, Recitations.

# PLYMOUTH HIGH SCHOOL.

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➤: GRADUATION EXERCISES :➤

— OF THE —

CLASS OF '87,

— AT —

Davis Hall, Thursday Evening, June 30, 1887,

AT 7.30 O'CLOCK.



## PROGRAMME.

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### PART I.

SALUTATORY,       -       -       -       -       -       SUSAN E. BOWDITCH.

SINGING: "Music of the Morning,"       -       -       -       -       SCHOOL.

ESSAY: The Power of Habit,       -       -       HARRISON N. BURGESS.

ESSAY: Duties to our Teachers and Ourselves,       MARY V. BENNETT.

PIANO DUETT: "La Chasse au Lion,"       -       -       -       *Kœlling*.

#### MISSES BARTLETT AND HATHAWAY.

ESSAY: Earthquakes,       -       -       -       -       -       LYMAN WARD.

ESSAY: Newspapers,       -       -       -       -       EMMA D. HATHAWAY.

ESSAY: Plymouth Banks,       -       -       -       CLARENCE C. SHERMAN.

SINGING: "Three Little Mice,"       -       -       -       -       GIRLS' VOICES.

ESSAY: The Influence of the Individual upon Society,

JAMES SPOONER.

ESSAY: Our Navy,       -       -       -       -       JAMES W. BLACKMER.

ESSAY: Voices of the Past,       -       -       -       TERESA A. ROGAN.

SINGING: The Heavens are Telling,"       -       -       -       -       *Haydn*.

SCHOOL.

## PROGRAMME.

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### PART II.

VIOLIN SOLO: "Rigoletto,"       -       -       -       -       -       *Verdi.*

LILLIAN G. EDDY.

ESSAY: A Familiar Scene,       -       -       -       -       -       MARY E. BARTLETT.

ESSAY: The King's Jester, -       -       -       -       -       SUSAN E. BOWDITCH.

SINGING: "Tally Ho," -       -       -       -       -       GIRLS' VOICES.

ESSAY: The Use of Tobacco,       -       -       -       -       -       EDWARD C. MOREY.

ESSAY: Scenes from "William Tell,"       MARY W. KLINGENHAGEN.

SINGING: "List! the Trumpet's Thrilling Sound,"  
*Arranged from Meyerbeer.*

SCHOOL.

CLASS PROPHECY, -       -       -       -       -       FRANK C. HOLMES.

SINGING: "Good Night,"       -       -       -       -       -       SCHOOL.

VALEDICTORY, -       -       -       -       -       -       LILLIAN G. EDDY.

SINGING OF CLASS SONG, -       -       -       -       -       CLASS OF '87.

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### PRESENTATION OF DIPLOMAS.

# CLASS OF '87.

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## PREScribed COURSE.

(Four Years, Two Terms.)

Mary Evelyn Bartlett,  
 Mary Velesta Bennett,  
 Susan Elizabeth Bowditch,  
 Lillian Gertrude Eddy,  
 Emma Dana Hathaway,  
 Mary Wilhelmina Klingenhagen,  
 Teresa Agnes Rogan,  
 James Weston Blackmer,  
 Harrison Nicol Burgess,  
 Francis Clinton Holmes,  
 Edward Clifton Morey,  
 Clarence Chase Sherman,  
 James Spooner,  
 Lyman Ward.

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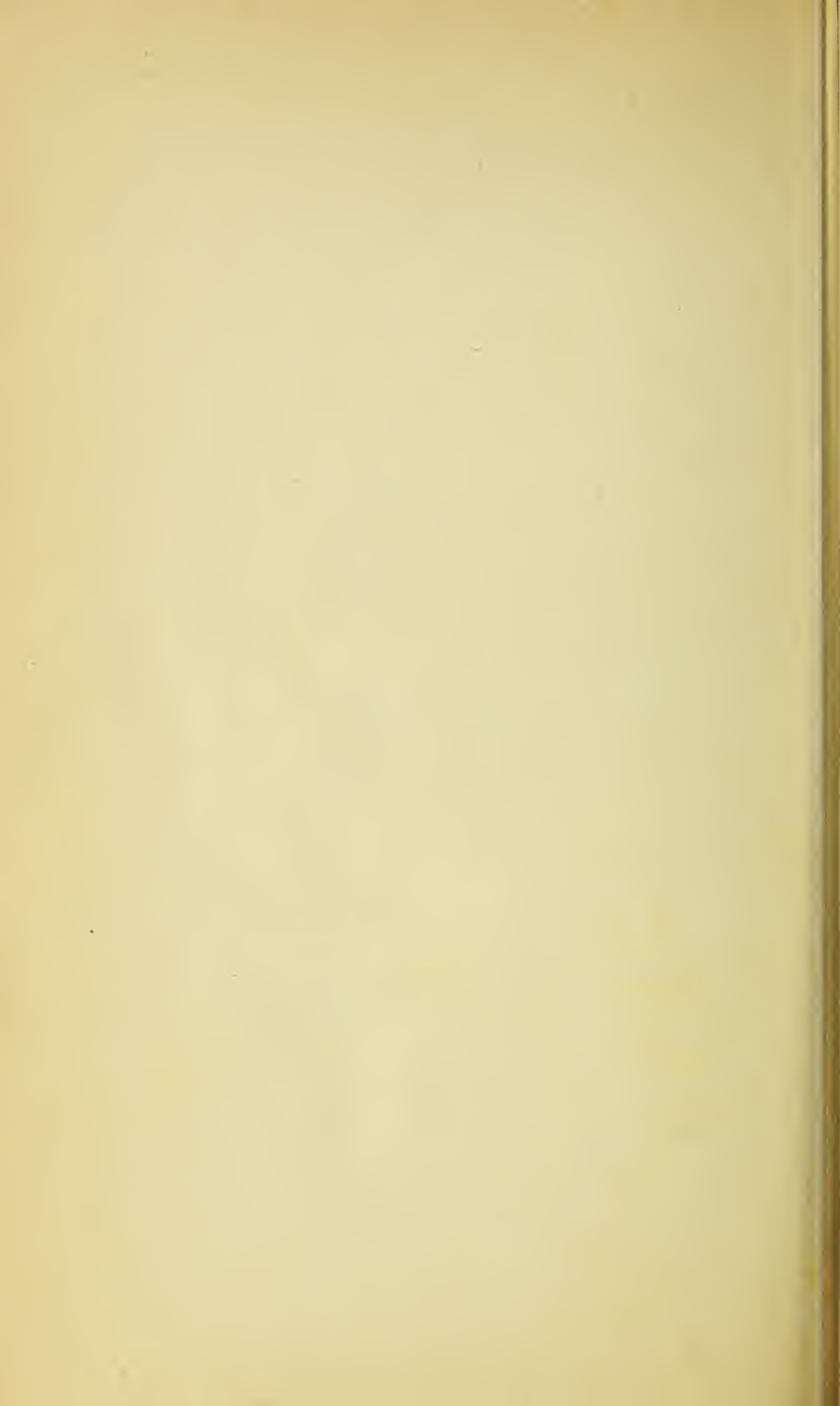
## FOUR YEARS' COURSE.

Helen Southworth Finney,  
 Everett Franklin McLean,  
 George Jordan Sampson.

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## TWO YEARS' COURSE.

Effie Holmes Bartlett,  
 Catherine Garvey,  
 Louisa Grayton Holmes,  
 Jennie Marion Robbins,  
 Herbert Franklin Whiting.



# ANNUAL REPORT

—OF THE—

TOWN OFFICERS

—OF THE—

# TOWN OF PLYMOUTH

—FOR THE—

FINANCIAL YEAR ENDING JANUARY 1ST,

1889.

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PLYMOUTH:  
AVERY & DOTEN, BOOK AND JOB PRINTERS.  
1889.

PLYMOUTH PUBLIC LIBRARY

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## REPORT OF THE SELECTMEN.

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The Selectmen submit the following report for the year eighteen hundred and eighty-eight :

The Treasurer's books have been examined and found correct, and all payments properly vouched.

The Treasurer is charged for the year with—

Cash on hand January 1, 1888 .....	\$16,321 97
Received from—	
Water rents, labor and materials .....	17,057 90
County, dog fund .....	792 55
Sale of lots in Vine Hills Cemetery .....	261 66
Agawam and Half-way Pond fishery .....	415 00
Dividend from Old Colony National Bank .....	400 00
Interest from delinquent taxes .....	433 05
Interest on Training Green fund .....	30 94
Pedler's licenses .....	26 50
Rebate of interest on loans .....	17 68
State aid refunded .....	1,361 00
Indigent State aid refunded .....	649 93
National Bank tax from State .....	2,434 36
Corporation      "      "      " .....	7,156 17
Interest from Warren fund .....	50 00
Billiard licenses .....	8 00
Poor department, reimbursements .....	1,764 56
Road      "      " .....	1,938 77
<i>Amount carried forward</i> .....	<i>\$51,120 04</i>

<i>Amount brought forward</i> .....	\$51,120 04
Insane poor .....	942 83
Main's tent show license . . . . .	3 00
Contingent department, reimbursements. ....	525 00
School " " .....	100 28
" " from Murdock fund, ....	18 25
Poor " " " " .....	18 25
Widows fund .....	11 00
Sale of herring brooks .....	23 25
Burial Hill, reimbursements .....	40 50
Liquor licenses .....	1 00
Taxes, 1886 .....	1,710 97
" 1887 .....	7,510 07
" 1888 ... ..	74,872 52
Lighting streets, reimbursements .....	10 90
Watch and police, " .....	9 35
New road, " .....	88 00
	<hr/>
	\$137,005 21

The Treasurer is credited with payments as follows :

For—

Duxbury & Cohasset R. R. sinking fund .....	\$1,500 00
Payment on note at Plymouth Savings Bank, temporary loan .....	1,000 00
National Bank, non-resident tax .....	4,214 73
State tax .....	6,165 00
County tax .....	5,514 93
Vine Hills Cemetery .....	110 73
Widows .....	145 00
Water works .....	17,630 69
Watch and police .....	1,807 87
	<hr/>
<i>Amount carried forward</i> .....	\$38,088 95

<i>Amount brought forward</i> .....	\$38,088 95
Treasurer .....	600 00
Sexton .....	125 00
Town debt, interest .....	2,209 17
State aid .....	1,348 00
Schools .....	25,943 65
Roads and bridges .....	13,083 23
New roads .....	2,504 00
Insane poor .....	3,044 01
Poor .....	9,651 54
Fire department .....	3,187 55
Burial Hill .....	248 17
Contingent expenditures .....	5,456 14
Lighting streets and town house .....	2,722 66
Assessors .....	996 28
Plymouth Public Library .....	1,000 00
Agawam and Half-way Pond fishery .....	131 06
Warren fund .....	40 50
Collector of taxes .....	504 00
Indigent soldiers aid .....	1,210 92
Abatements .....	971 78
Copying town records .....	30 00
State of Massachusetts, one-fourth liquor license .....	25
Bounty on seals killed .....	122 00
Chiltonville burial ground .....	124 96
Cash on hand .....	23,661 39
	<hr/>
	\$137,005 21

The undrawn balances of the several appropriations are as follows :

Town debt and interest .....	\$161 77
Chiltonville burial ground .....	04
	<hr/>
<i>Amount carried forward</i> ..	\$161 81

<i>Amount brought forward</i> .....	\$161 81
Watch and police .....	686 19
Lighting streets and town house... ..	177 88
Insane poor.....	698 82
Fire department.....	12 45
Collector of taxes .....	27 38
Roads and bridges .....	766 05
Vine Hills Cemetery.....	752 97
Fresh Brook fishery .....	4 92
Warren fund.....	1,024 43
Training Green fund .....	792 72
Abatement .....	2,341 80
	<hr/>
	\$7,447 42

The overdrawn balances of the several departments are as follows:

Water works .. ..	\$472 88
Poor .....	886 98
Assessors .....	93 04
Copying town records.....	200 00
Contingent.....	868 18
Indigent aid .....	603 46
New roads .....	248 50
Schools .....	137 17
	<hr/>
	\$3,510 21

## Town Debt.

### WATER LOAN FUNDED.

70,000 four per cent. bonds dated June 1, 1885, payable within 20 years in proportional payments of \$2,800 each year, commencing June 1st, 1890 . . . . .	\$70,000 00	
20,000 six per cent, bonds, due August 1, 1894 . . . . .	20,000 00	
2,000 six per cent bonds, due June 1, 1885 . . . . .	2,000 00	
37,700 four per cent. bonds dated August 1, 1887, \$1,300 due and payable each year, commencing August 1, 1888 . . . . .	37,700 00	
Note to Plymouth Savings Bank, due April 1, 1890, interest 5 per cent.	6,000 00	
Note to Plymouth Five Cents Savings Bank, due August 2, 1890, interest $4\frac{1}{2}$ per cent . . . . .	6,000 00	
	<hr style="width: 100px; margin-left: 0;"/> \$141,700 00	

### DUXBURY AND COHASSET RAILROAD LOAN.

Note to Plymouth Savings Bank, due April 1, 1890, interest 4 per cent,	4,500 00	
Note to Plymouth Five Cents Savings Bank, due April 1, 1890, interest 4 per cent . . . . .	4,500 00	
	<hr style="width: 100px; margin-left: 0;"/>	9,000 00
<i>Amount carried forward . . . . .</i>		<hr style="width: 100px; margin-left: 0;"/> \$150,700 00

*Amount brought forward*..... \$150,700 00

TEMPORARY LOAN.

Note to Plymouth Savings Bank, payable April 13, 1888, interest 4 per cent.....	\$5,000 00	
Note to Plymouth Five Cents Savings Bank, payable March 20, 1888, interest 4 per cent .....	6,700 00	
Note to Plymouth Savings Bank, due September 18, 1886, interest 4 per cent .....	10,000 00	
Plymouth Savings Bank on demand, interest 4 per cent.....	4,000 00	
Note to Plymouth Savings Bank, due March 31, 1891, interest 4 per cent.....	5,000 00	
Note to Plymouth Savings Bank, due June 9, 1892, interest 4 per cent.....	3,000 00	
Note to sundry persons on demand, interest 4 per cent.....	1,700 00	
	<hr/>	35,400 00
		\$186,100 00
Undrawn balances of the several departments....		7,447 42
		<hr/>
Gross indebtedness.....		\$193,547 42

LISS.

Uncollected taxes, 1887. ....	\$1,907 43	
Uncollected taxes, 1888.....	8,821 33	
State aid, due from State Mass .....	1,343 00	
Indigent aid, due from State Mass...	607 46	
Due from County of Plymouth, bounty paid on seals killed .....	122 00	
Cash on hand.....	23,661 39	
	<hr/>	36,467 61
Leaving indebtedness, Dec. 31, 1888.....		\$157,079 81



Debt December 31st, 1888.....	\$157,079 81
Debt December 31st, 1887.....	167,152 08

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Decrease of debt in 1888 .....	\$10,072 27
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Debt Dec. 31, 1888.....	\$157,079 81
Debt less Water Script Sinking Fund	8,708 17

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Net debt, Dec. 31, 1888 .....	\$148,371 64
Debt less Sinking Fund, Dec. 31, 1887	158,894 13

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Decrease in debt, less Sinking Fund, in 1888.....	\$10,522 49
---	-------------

Payments have been made during the year on principal of outstanding notes of the Town in the sum of \$2,500 making the temporary indebtedness \$44,400 against \$46,900, December 31, 1887.

The funded debt has been reduced by the payment of \$1,300 of the last issued of Water Loan bonds which became due under the provisions of the Sinking Fund leaving the bonded indebtedness, \$141,700 against \$143,000 December 31, 1887.

There has been covered into the Treasury from Bank and Corporation taxes, received from the State, and from miscellaneous receipts in excess of estimated revenue, and difference in over-drawn balances as compared with last year, the sum of \$6,272.77, and including the payment above referred to, of \$3,800 has effected a reduction of \$10,072.27, in the indebtedness the past year.

There has been derived from income from Water Script Sinking Fund during the year, \$450.22 making the fund at the close of the year, \$8,708.17, and the net indebtedness \$148,371-64, against \$158 894.13, December 31, 1887.

The expenditure on account of indigent soldiers aid has been \$1,210.92, the amount due from the State, will leave a deficiency of \$603.64 to be provided for.

The amount assessed for taxes in 1888 was \$83,693.85, against \$84,899.49 in 1887 with an increased valuation of \$214,368.76 of which \$54,195.40 was in personal, and \$160,173.36 in real property, reducing the rate of taxation from \$14.80 in 1887, to \$14.00 in 1888.

The increase in County, and probably State taxes will leave little margin for increased appropriations without incurring an added rate of taxation the coming year.

### Town Debt and Interest Account.

#### CR.

By balance from old account . . . . .	\$420 21
appropriation . . . . .	2,500 00
rebate of interest on loans paid before maturity . . . . .	17 68
interest received from delinquent taxes . . . . .	433 05
	<hr/>
	\$3,370 94

#### DR.

To payment on principal of outstand-	
ing notes . . . . .	\$1,000 00
interest on Duxbury & Cohasset	
Railroad loan . . . . .	390 00
interest on temporary loans . . . . .	1,576 67
interest on loans in anticipation of	
taxes . . . . .	156 00
interest on Warren fund . . . . .	50 00
interest on Murdock fund . . . . .	36 50
	<hr/>
	3,209 17
	<hr/>
Undrawn . . . . .	\$161 77

To provide for payment of interest on temporary and Duxbury & Cohasset Railroad loans, and loans in anticipation of taxes, including a payment of \$1,000 on outstanding loans, will require in addition to interest, which may be expected from delinquent taxes, an appropriation of \$2,700, which is recommended.

## Roads and Bridges.

Cr.

By appropriation . . . . .	\$10,200 00	
appropriation . . . . .	1,000 00	
appropriation . . . . .	800 00	
reimbursements . . . . .	1,938 77	
	<hr/>	\$13,938 77

Dr.

Dec. 31, 1887.

To balance . . . . .	\$89 49	
payments in 1888 . . . . .	13,083 23	
	<hr/>	13,172 72
Undrawn . . . . .		\$766 05

The net expenditures for roads and bridges the past year has been \$11,144.46 against \$10,572.96 in 1887.

The excess has been applied chiefly in the Manomet ponds and Cedarville districts where increased appropriations were granted at the annual meeting.

In the report of last year the attention of the Town was called to the necessity of providing under-drainage for the surface water at Jabez Corner, as parties owning the land on which the drainage was discharged desired to improve their land and would not continue the privilege, but would allow under-drainage through their land to the shore.

This necessitated laying a 20-inch pipe from a point in the street, south from the Willingsley school-house, about 700 feet to the shore, and making connections to receive the surface water from Warren Street, including paving of the gutters to the top of the hill.

The cost of the improvement, exclusive of 160 feet 20-inch pipe on hand, was about \$750, and, including the pipe, about

\$950. It has so far satisfactorily provided for disposing of the surface water accumulating with heavy rains and freshets in that locality, and obviated what has heretofore been a source of complaint and annoyance to travel and residents in that vicinity.

The general condition of roads has not improved during the year, in part owing to the washing received from the continuous and heavy rain during the Summer and Fall, requiring in some sections additional repairs, not leaving the roads in as good condition as before. With the mild weather so far during the Winter, the roads have been subject to greater wear, and will be likely to need more extensive repairs the coming year.

Petitions and complaints have been made to the Selectmen by people living on the line and obliged to travel over roads not town ways, by any formal lay out, or within the jurisdiction of the Surveyors; either to have the roads complained of formally laid out, and accepted by the Town, or repairs made to render them safe and convenient for public travel.

The Selectmen are of opinion that to lay out such roads would involve considerable trouble and expense, and can hardly be justified by the amount of travel to be accommodated. Such roads will answer the demands of travel in case slight repairs are made from time to time as may be needed. Such repairs, if at all, have been made by people living on the line without expense by the Town, who are not willing to continue to do so, as but few are willing to aid in such work.

The Selectmen are of opinion that a small sum expended in their judgment in such cases, will meet the difficulty and satisfy the travel to be accommodated.

An appropriation of \$11,000 to meet the anticipated expenses for the year is recommended.

## New Roads.

DR.

To expenditures in 1888 .....	\$2,504 00
-------------------------------	------------

CR.

Dec. 31, 1887.

By balance from old account .....	\$167 50	
appropriation .....	2,000 00	
award from the County .....	88 00	
	2,255 50	
Overdrawn .....		\$243 50

Of the above sum expended on new roads, \$1,784.70 was expended under the order of the County Commissioners for the widening and grading of Court Street, adjoining the premises of the Plymouth Cordage Co.; \$482.57 was expended for grading and widening Pleasant and South streets, in addition to a special appropriation for \$400, which was expended for concreting sidewalks in that locality; \$138.25 was expended for working of Vernon Street; \$68.12 for working of Chestnut Street, and \$30.36 for surveys for roads, upon petitions for widening old and laying out new roads, pending decision by the Commissioners, as well as by the Selectmen, which will probably require action the present year.

Application has been made by the Selectmen, to the County Commissioners, for an allowance in part for the expenses incurred in working of Court Street, and anticipate an allowance sufficient at least to provide for the deficiency in the account.

In anticipation of the work which may be required, an appropriation of \$1,000 is recommended.

## Water Works.

Dr.

To payments in 1888..... \$17,630 69

Cr.

Dec. 31, 1887.

By balance from old account.....	\$99 91	
income from water rents, labor and		
material .... .	17,057 90	
	17,157 81	
Overdrawn.....		\$472 88

The income from the works the past year has not proved sufficient to meet the expenditures, and the result shows a deficit of \$472.88.

Under the classification of expenditures, as will appear in the report of the Commissioners, some exceptional expenses have been incurred, which account for the overdraft, viz., grading and fencing the new reservoir and other items properly entering into construction, amounting to \$779.00. Without these expenditures a small balance would have appeared to the credit of the account.

The items of extensions have been larger than usual, amounting to \$2,202.11.

It is probable, with the increased cost of operating the works, and as long as the extensions are chargeable against income, no surplus will be available to apply to the Sinking Fund, as was anticipated when it was established, and which it was expected would freely provide for meeting the loan incurred on account of pumping station at maturity.

The amount now to the credit of the Sinking Fund is \$8,708.17, against \$8,257.95 in 1887. With the income for the



coming year added, and profits from the investments, the sum of \$10,000 may be realized toward meeting the loan of \$12,000 maturing in 1890.

Unless this deficiency can be supplied from income, by economy in the expenditures, it will have to be provided for by taxation, and a further sum of \$2,800 in addition, as the first payment of the loan of \$70,000, becoming due under the requirements of the Sinking Fund.

Reference to the report of the Commissioners will give a classified statement of the expenditures of last year and the probable sum needed to meet the requirements of the coming year.

### Contingent.

To bills for—

Printing and stationery.....	\$556 32
Coal and fuel for town house.....	95 30
Services Town Clerk.....	167 45
Janitor town house.....	148 45
Fires in the woods.....	601 23
C. W. Campbell, settlement of claim for damages in the highway.....	775 00
Board of Health.....	118 75
Rent of hall, town meetings..	65 00
Labor on stand pipes and water bills .....	62 96
Clock for town house .....	16 00
Moderator and Tellers, town meetings.....	20 00
Labor, etc., cemetery, Manomet ponds ....	34 32
Carriage hire. ....	20 50
Fitting up armory for Standish Guards .....	859 24
Armory rent to Oct. 16 .....	205 00
Lighting and heating armory to Jan. 1, 1889.....	125 25
<i>Amount carried forward.....</i>	<i>\$3,870 77</i>

<i>Amount brought forward</i> . . . . .	\$3,870 77
For sewer extension. . . . .	69 52
Expenses on account street railway. . . . .	32 50
Return of births and deaths . . . . .	70 50
Ellis Benson, care of town clock, etc . . . . .	26 00
Board of Registration . . . . .	120 00
Drinking fountain, Summer Street. . . . .	86 27
Legal services . . . . .	57 50
Charles May, pointing and washing walls around Cole's Hill . . . . .	44 25
Boston Directory. . . . .	5 20
C. H. Holmes, bills for surveying . . . . .	5 50
Repairs in and about town house. . . . .	51 61
Express bills. . . . .	4 95
C. F. Bradford for inspection of electric wires . . . . .	6 00
L. Tribble, painting fence, School Street. . . . .	10 14
Appropriation for Memorial Day. . . . .	125 00
Burial permits by Town Clerk. . . . .	12 45
Sundry small bills . . . . .	36 35
Services of Selectmen. . . . .	821 63
	<hr/>
	\$5,456 14

## CR.

By balance from old account. . . . .	\$62 96
appropriation. . . . .	4,000 00
sale of sewer rights . . . . .	225 00
armory rent. . . . .	300 00
	<hr/>
	4,587 96
	<hr/>
Overdrawn . . . . .	\$868 18

The expenditures for fitting up armory, and lighting and heating the same, was not anticipated when the appropriation was estimated, and occasioned the overdraft in the account.

## Watch and Police.

CR.

Dec. 31, 1887.

By balance from old account.....	\$29 71
appropriation . . . . .	1,425 00
“ . . . . .	250 00
transfer from appropriation for suppression of the liquor traffic . . . . .	780 00
reimbursements . . . . .	9 35
	<hr/> \$2,494 06

DR.

To payments for regular police, 1888....	\$1,463 22
“ “ special police, etc., for suppression of liquor traffic....	344 65
	<hr/> 1,807 87
Undrawn . . . . .	\$686 19

In compliance with the vote of the Town instructing the Selectmen to publish in the next annual report the separate items of expenditure incurred in the enforcement of the no-license law, and to give an account of the raids, the houses and the persons raided, and the general work of the police, special and regular. The following vote was passed by the Selectmen, and a copy given to the Chief-of-Police with instructions to carry the same into effect :

*Voted*, That the Chief-of-Police be instructed to use all necessary and proper steps to suppress the illegal sale of intoxicating liquors, and to employ such assistance as he may require.

Appended is the report of the Chief-of-Police with a detailed account of his expenditures and the general and special work in enforcing the law.

*To the Selectmen of the Town of Plymouth :*

I herewith submit a list of the liquor prosecutions in this Town for the year ending Dec. 31, 1888, with the findings of the court thereon, with a list of the expenditures incurred.

Raided Victor H. Fostmeyer, in house owned by him.  
Liquors forfeited.

Raided James H. Richards. Secured five gallons whiskey in house owned by Chas. T. Holmes, on Market Street. Left town.

April 21. Raided Thomas Andrews, in house owned by John Hinchcliffe. Secured four quarts of whiskey.  
Liquors condemned.

21. Raided Frank Ryan and Lightfoot, in building owned by J. Braunecker, at Seaside. No liquors found.

29. Raided Joseph Braunecker. Found in his barn three pints of liquor. Ordered back by the court.

June 19. Arrested Joseph Braunecker for selling liquor.  
Fined \$75 and costs.

29. Raided Peter Murphy, living in Burns' house, Bradford Street. Found 45 pint bottles of whiskey.  
Convicted ; fined \$75 and costs.

20. Raided E. L. Peirce, in building at head of Long Wharf. Found one pint of whiskey in pitcher.  
Convicted of keeping a liquor nuisance ; fined \$75 and costs.

- Oct. 7. Raided David Frawley, living in building at head of North Dock, owned by estate of Bradford Barnes. Found two quarts of rum. Convicted, and fined \$50 and costs.
7. Raided William Gillespie, in Lewis' house, on Water Cure Street. Found four quarts of whiskey in gallon jug. Liquors condemned.
- Dec. 15. Raided Welford McClure, living in Lucas house, Summer Street. No liquor found.

The following expenses have been incurred in enforcing the law and for special and detective work, viz.:

Paid—

Joseph W. Hunting. ....	\$10 00
Michael Casey . ....	10 00
Charles Danforth, detective . ....	12 00
Law and Order League, detective work . ....	15 65
Freeman Manter, expenses to Boston. ....	7 00
J. P. Wade for detectives employed . ....	165 00
Arthur Lord, services in all cases of prosecution and for advice . ....	125 00
	<hr/>
	\$344 65

FREEMAN MANTER, *Chief-of-Police*.

PLYMOUTH, Dec. 31, 1888.

## Lighting Streets and Town House.

CR.

December 31, 1887.

By balance from old account.....	\$489 64
appropriation.....	2,400 00
reimbursements .....	10 90
	<hr/>
	\$2,900 54

DR.

To payments to Electric Light Co....	\$1,617 25
Plymouth Gas Co....	900 66
oil lamps .....	196 37
repairs of lanterns...	8 38
	<hr/>
	2,722 66
	<hr/>
Undrawn .....	\$177 88

The number of street lights has been increased by the addition of four electric lights, three of which are located south of Mount Pleasant Street, and one at the junction of Water and Union streets.

The additional cost to the Town is \$98.82 annually.

The present number of electric lights is eighteen, gas lights, forty-three, oil lights, twelve ; and with the gas supplied to the town house and repairs to lanterns, will make the cost about \$2,900.

An appropriation of \$2,750, with the balance to the credit of the account, will be required in case no change is made from the present method.



**Poor.**

DR.

December 31, 1887.

To balance of account .....	\$145 00
payments in 1888 .....	9,651 54

\$9,796 54

CR.

By appropriation .....	\$7,000 00
for deficiency .....	145 00
reimbursements .....	1,764 56
	<u>8,909 56</u>

Overdrawn ..... \$886 98

The net expenditures on this account are \$7,886.98 against \$7,145.00 in 1887, an increase of \$743.98.

The report of the Overseers will explain the overdraft in the account.

**Fire Department.**

CR.

March 5.

By appropriation .....	\$3,200 00
appropriation for deficiency ..	585 92
	<u>\$3,785 92</u>

DR.

Dec. 31.

To balance from old account .....	\$585 92
payments in 1888 .....	3,187 55
	<u>3,773 47</u>
Undrawn .....	\$12 45

### Insane Poor.

CR.

By appropriation for deficiency .....	\$404 82
" .....	2,800 00
reimbursements .....	942 83
	<hr/> \$4,147 65

DR.

Dec. 31, 1887.	
To balance of old account.....	\$404 82
payments in 1888 ... ..	3,044 01
	<hr/> 3,448 83
Undrawn .....	\$698 82

The present number of insane in the hospitals is nineteen, fourteen of which are wholly supported by the Town. To provide for the present number for the year will require an appropriation of \$2,000, which is recommended.

### Schools.

DR.

To payments in 1888 ... ..	\$25,943 65
----------------------------	-------------

CR.

By balance from old account .. ..	\$887 95
appropriation . . . . .	23,800 00
" . . . . .	1,000 00
School fund from State. . . . .	82 88
reimbursements .....	35 65
	<hr/> 25,806 48
Overdrawn .....	\$137 17

The expenditures on account of schools and enlargement of school-houses are \$2,266.04 in excess of last year, being \$25,943.65 in 1888, against \$23,677.61 in 1887. The report of the Committee will explain the increased cost of maintaining the schools.

**Abatements.**

Cr.

Dec. 31, 1887.

By balance of account.....	\$627 14
overlay, 1888 .....	2,686 44
	<hr/>
	\$3,313 58

Dr.

To abatements in 1888 .....	971 78
	<hr/>
Undrawn.....	\$2,341 80

**Burial Hill.**

Cr.

By appropriation .....	\$250 00
transfer from Warren fund.....	40 50
	<hr/>
	\$290 50

Dr.

To balance of old account.. .....	\$42 33
payments, 1888 .....	248 17
	<hr/>
	\$290 50

**Warren Fund.**

Cr.

Dec. 31, 1887.

By balance from old account.....	\$1,014 93
interest. ....	50 00
	<hr/>
	\$1,064 93

Dr.

To payment to Burial Hill.....	40 50
	<hr/>
Undrawn , . . . .	\$1,024 43

**Assessors.**

CR.

By balance from old account.....	\$78 24
appropriation.....	825 00
	<hr/>
	\$903 24

DR.

To payments in 1888.....	996 28
Overdrawn.....	<hr/>
	\$93 04

**Duxbury and Cohasset Railroad Sinking Fund.**

CR.

By appropriation.....	\$1,500 00
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DR.

To payment on note at Plymouth Savings	
Bank.....	\$750 00
payment on note at Plymouth Five	
Cents Savings; Bank.....	750 00
	<hr/>
	\$1,500 00

**Training Green Fund.**

CR.

Dec. 31, 1887.

By balance from old account.....	\$761 78
Interest.....	30 94
	<hr/>
Undrawn .....	\$792 72

**Collector of Taxes.**

CR.

Dec. 31, 1887.

By balance from old account .....	\$31 38
appropriation .....	500 00
	<hr/>
	\$531 38

DR.

To paid Collector for collecting \$1,710.97, taxes of 1886, \$7,510.07, taxes of 1887, \$9,221.04, at 1 per cent..	\$92 21	
salary .....	500 00	
	<hr/>	
	\$592 21	
Less 1 per cent. on \$8,821.33 taxes of 1888, uncollected .....	88 21	
	<hr/>	
		504 00
Undrawn .....		<hr/>
		\$27 38

**Treasurer.**

CR.

By appropriation .....	\$600 00
------------------------	----------

DR.

To payment, 1 88 .....	\$600 00
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**Sexton.**

CR.

By appropriation .....	\$125 00
------------------------	----------

DR.

To payments in 1888 .....	\$125 00
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**Murdock Fund.**

Cr.

By balance.....	\$730 00
interest.....	36 50
	<u>36 50</u>
	\$766 50

Dr.

To payment to poor department .....	\$18 25	
school department ...	18 25	
	<u>36 50</u>	
Balance.....		\$730 00

**Fresh Brook Fishery.**

Cr.

Dec. 31, 1886.

By balance from old account .....	\$4 92
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**Guide Boards.**

The guide boards of the Town are the same as reported in 1887, and are in good condition.



### Appropriations.

Schools and repairs of school-houses . . . . .	\$23,200 00
School books and supplies. . . . .	1,800 00
Town debt and interest . . . . .	2,700 00
Roads and bridges. . . . .	10,000 00
Improvement of sidewalks . . . . .	1,000 00
Fire department . . . . .	3,200 00
Watch and police . . . . .	1,200 00
Lighting streets and town house. . . . .	2,750 00
Insane poor . . . . .	1,900 00
Poor. . . . .	7,500 00
New roads. . . . .	1,000 00
Contingent. . . . .	3,800 00
Assessors . . . . .	1,100 00
Collector of Taxes . . . . .	500 00
Treasurer. . . . .	600 00
Duxbury & Cohasset R. R. sinking fund. . . . .	1,500 00
Maturing bonds Water Loan sinking fund . . . . .	1,300 00
Sexton . . . . .	125 00
Burial Hill. . . . .	250 00
	<hr/>
	\$65,425 00

### Deficiencies.

Poor . . . . .	\$886 98
Assessors . . . . .	93 04
Contingent . . . . .	868 18
Indigent aid . . . . .	603 46
	<hr/>
	2,451 66
<i>Amount carried forward . . . . .</i>	<hr/>
	\$67,876 66

*Amount brought forward*..... \$67,876 66

The revenue not otherwise appropriated is estimated as follows :

Corporation taxes.....	\$5,500 00	
Bank taxes .....	2,000 00	
Miscellaneous .....	300 00	
Income from water works .....	1,300 00	
	<hr/>	9,100 00
		<hr/>
		\$58,776 66

Leaving the sum of fifty-eight thousand seven hundred and seventy six and 66-100 dollars, which it is recommended be raised by taxation for the expenses of the current year.

WILLIAM H. NELSON,	}	<i>Selectmen of Plymouth.</i>
WM. T. DAVIS,		
L. T. ROBBINS,		
EVERETT F. SHERMAN,		
JOHN CHURCHILL,	}	

PLYMOUTH, February 12th, 1889.

PLYMOUTH, February 28, 1889.

The subscriber would say to the Town, in case his re-election should be proposed, that he positively declines to be a candidate for any town office.

He also resigns the office he now holds as Overseer of the Poor for two years.

JOHN CHURCHILL.

## VALUATION.

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Real estate.....	\$3,555,975 00
Personal property .....	1,817,550 00
	<hr style="width: 20%; margin-left: auto; margin-right: 0;"/> \$5,373,525 00

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Gain in real estate....	\$160,173 36
Gain in personal estate .....	54,195 40

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Number of polls, 2,119.

Number of polls, women, 23.

Number of horses, 675.

Number of cows, 442.

Number of sheep, 35.

Number of dwelling-houses, 1,379.

Number of acres land taxed, 50,797.

Rate of taxation, \$14.00 per \$1,000.

Number of persons paying property tax, 1,783.

Number of persons paying poll tax only, 1,215.

# REPORTS.

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## WATER COMMISSIONERS.

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CHARLES S. DAVIS—Term expires March, 1889.  
 SAMUEL H. DOTEN—Term expires March, 1890.  
 HORACE P. BAILEY—Term expires March, 1890.  
 NATHANIEL MORTON—Term expires March, 1891.  
 EVERETT F. SHERMAN—Term expires March, 1891.

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SUPERINTENDENT—Richard W. Bagnell.  
 WATER REGISTRAR—William T. Hollis.  
 ENGINEER AT PUMPING STATION—W. A. H. Jones.

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Superintendent's office in rear of Engine House, Main Street  
 Rates payable at Town Treasurer's office, semi-annually, in advance, May 1 and November 1.

Meeting of the Commissioners to examine bills and claims against the Department, the first WEDNESDAY EVENING of each month.

Bills against the Department must be rendered on or before the first Wednesday of each month, or they will lie over until the following month.

Approved bills paid by the Town Treasurer at Town House.

# REPORT OF THE WATER COMMISSIONERS

For the Year Ending December 31, 1888.

The receipts for the year have been—

From water rates and miscellaneous uses.	\$15,631 16
From labor and material sold. . . . .	1,426 74
	————— \$17,057 90

The payments have been for—

General expenses of maintenance and stock on hand . . . . .	\$4,082 80
Labor on embankment and gradings at High Service Reservoir . . . . .	341 83
Fence at High Service Reservoir . . . . .	245 20
Stock and labor at well-room, Little South Pond . . . . .	63 28
Eight new gates to improve the works . .	128 69
Extensions of water mains . . . . .	2,202 11
Six-inch pipe laid for Emery & Co. . . . .	960 42
Replacing 2-inch pipe in Robinson and Mayflower streets with 4-inch pipe. .	391 07
Pump Station, general expenses . . . . .	1,425 29
“ “ improvement . . . . .	270 00
“ “ advance insurance . . . . .	90 00
Interest on water loans . . . . .	5,560 00
“ pump loan . . . . .	570 00
Net income for the year . . . . .	727 21
	————— \$17,057 90

Balance to credit of Water Works account, January 1, 1888. ....	\$99 91
Net earnings for 1888. ....	727 21
	<hr/>
	\$827 12
First payment on \$39,000 loan ....	1,300 00
	<hr/>
Overdrawn on water account. ....	\$472 88

Over one mile of cement pipe has been laid this year, the details of which are found in the report of the Superintendent.

The cost of extensions of pipes, \$2,200. and other permanent improvements to the works over \$1,000. has not admitted of any payment to the sinking fund. The demands for extensions and enlargements of pipes continue to be large each year. We see no hope for much less demand in that respect for some years to come.

For the year 1889 the gross receipts from the sale of water is estimated at..... \$16,000 00

The expenses are estimated as follows :

For overdrawn account, 1888 .....	\$472 88
Ordinary running expenses and repairs. .	3,800 00
“ “ “ of pump station	1,500 00
Interest on water loans .....	5,508 00
“ “ pump loan .....	570 00
Payment to sinking fund ....	1,000 00
600 feet 6-inch pipe and gates in Pleasant Street .....	600 00
Other extensions of pipes and improvements .....	1,200 00
Balance of income ....	1,349 12
	<hr/>
	\$16,000 00



### General Expenses.

Superintendent's salary, and extra pay for 1887....	\$857 02
Collector's salary.....	477 66
Labor bills.....	3,079 56
Cement, 400 barrels.....	440 00
Shell for 2-inch pipe.....	\$105 84
“ 4-inch pipe.....	514 97
“ 6-inch pipe.....	252 00
“ 8, 10 and 14-inch pipe.....	62 91
	<hr/>
	935 72
Service pipe, plumbing, hardware and tools.....	404 14
Gate and faucet boxes and castings.....	137 17
Gates used in extensions of pipes.....	158 98
Eight new gates in old pipes.....	128 69
Canvas, cloth and hemp packing.....	78 07
Wagon hire of Superintendent.....	483 00
Carriage hire.....	1 00
Teaming.....	126 93
Blacksmith and carpenter work.....	56 94
Railroad freights.....	187 92
Express bills.....	12 85
Lumber.....	17 97
Printing.....	49 75
Stationery and postage.....	30 77
Fuel, gas and kerosene.....	57 25
Telephone use and repairs.....	23 70
Stock and labor on well-room, Little South Pond...	63 28
Labor on embankment and grading at High Service	
Reservoir.....	341 83
Fence at High Service Reservoir.....	245 20
Incidental.....	20 00
	<hr/>
	\$8,415 40

### Pump Station Expenses.

Salary of engineer and extra pumping. ....	\$612 00
104 tons coal .....	549 48
Fuel for house. ....	33 00
Machine oil.....	16 58
Plumbing and hardware. ....	49 82
Repairs to buildings .....	13 40
Repairs to engine and boilers.....	82 34
Packing .....	20 17
New damper regulator ....	75 00
New condensing coil.....	25 00
Thermometers.....	6 50
Steam pipes to heat engine room.....	41 78
Oil cups .....	38 42
Labor and cartage, grading grounds .....	58 20
Hartford Boiler Insurance and Inspection, for three years, to April 22, 1891 .....	125 00
Record book.....	3 85
Wheelbarrow .....	7 75
Hose .....	27 00
Interest on pump loan .....	570 00
	<hr/>
	\$2,355 29

### Abstract from the Report of the Collector of Water Rates.

To—

Uncollected rates of 1887, brought forward ...	\$38 25
Uncollected labor and material accounts, Brought forward .....	12 90
Water rates charged in 1888 .....	15,904 43
Labor and material charged in 1888 ....	1,437 39
Water charged in 1888. ..	155 82
	<hr/>
	\$17,548 79

By amounts paid Town Treasurer—

For water rates collected ..... \$15,475 34

For labor and material, collected of

Emery & Co. and others..... 1,426 74

For water rates for sundry purposes ... 155 82

---

\$17,057 90

By abatements ..... 430 11

By uncollected rates ..... 50 13

“ labor and material..... 10 65

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———— \$17,548 79

Water is supplied to 1,483 families, 428 water closets, 137 bath tubs, 60 stores and offices, 16 urinals, 130 stables, 125 horses, 123 cows, 177 hogs, 3 laundries, 1 fish market, 5 meat markets, 1 bottling room, 3 engines, 2 water motors, 4 banks, 5 churches, 8 manfactories, 3 photograph rooms, 3 livery stables, 2 dental rooms, 7 boilers, 4 saloons, 3 bakeries, 5 boarding houses, 5 hotels, 1 marble works, 6 barber shops, 12 miscellaneous shops, 2 hot-houses, 1 slaughter-house, 2 printing offices, 4 public halls, 2 banquet rooms, 2 billiard rooms, 1 curing house, 2 cigar manufactories, the Old Colony Railroad buildings and engines, gas works, woolen mill, county buildings, public buildings of the town, for fire purposes and for watering streets.

Very respectfully,

W. T. HOLLIS,

*Collector of Water Rates.*

# FINANCIAL.

## MAINTENANCE.

### RECEIPTS.

<i>A.</i> Water rates, domestic,	\$14,294 28
<i>B.</i> Water rates, manufacturing,	1,551 17
<i>C.</i> Total Water receipts,	\$15,845 45
<i>D.</i> Miscellaneous (repairs, etc.),	252 03
<i>E.</i> Total receipts,	\$16,097 48
<i>F.</i> No charge is made for water used by Town.	
<i>K.</i> Gross receipts,	\$16,097 48

## CONSTRUCTION.

<i>S.</i> Premium on bonds sold last year,	\$4,000 00
<i>T.</i> Town appropriation,	603 68
<i>W.</i> Private lines,	960 42
From profits of maintenance,	3,135 28
Overdrawn,	472 88
	\$9,172 26
<i>W.</i> Cost of works to date,	
Town appropriations,	\$234,821 77
From profits,	\$174,416 93
	60,404 84
<i>V.</i> Sinking fund, market value,	\$234,821 77
	\$9,000 00

### EXPENDITURES.

<i>A.A.</i> Management and repairs,	\$5,532 20
<i>B.B.</i> Interest on bonds,	6,130 00
<i>C.C.</i> Total,	\$11,662 20
<i>D.D.</i> Profit for year,	4,435 28
Paid bond,	\$1,300 00
Carried to construction account,	3,135 28
	\$4,435 28
<i>E.E.</i> Total,	\$16,097 48

<i>F.F.</i> Extension of mains,	\$2,705 77
<i>G.G.</i> Extension of services,	214 29
<i>H.H.</i> Reservoir, pump, etc.,	787 01
Private lines,	960 42
Total for year,	\$4,668 49
Overdrawn last year,	4,503 77
	\$9,172 26

Bonded debt, \$20,000 at 5 per cent.	6,000 at 5 per cent.
	6,000 at 4 1-2 per cent.
	107,700 at 4 per cent.
	\$139,700

## Pumping Record, 1888.

MONTHS.	HOURS RUN.	COAL USED IN PUMPING, HEATING AND BAKING.	NUMBER OF REVOLUTIONS.	NUMBER OF GALLONS PUMPED.	DUTY.	AVERAGE HEAD.	Number of Gallons of Coal Poured to One Pound of Coal.	Average Number of Pounds of Coal Per Day.
January,	127 $\frac{3}{4}$	21,025 lbs.	182,100	8,653,392	21,967,960	64 feet.	411.57	678.22
February,	123 $\frac{1}{2}$	20,155 "	190,600	9,027,312	23,906,576	64 "	447.89	695
March,	103	18,430 "	164,500	7,817,040	22,638,896	64 "	424.14	594.51
April,	89 $\frac{3}{4}$	15,025 "	123,000	6,700,320	23,802,493	64 "	445.94	500.83
May,	95 $\frac{1}{4}$	15,805 "	153,400	7,289,568	24,617,544	64 "	461.21	509.84
June,	117 $\frac{1}{2}$	17,755 "	186,700	8,871,984	26,670,919	64 "	499.68	501.83
July,	135 $\frac{1}{4}$	18,985 "	214,500	10,186,010	28,609,536	64 "	536	612.5
August,	120 $\frac{1}{4}$	17,430 "	190,100	9,033,552	27,663,179	64 "	518.27	562.25
September,	100 $\frac{1}{2}$	15,005 "	154,700	7,351,344	26,149,969	64 "	489.92	500.17
October,	97 $\frac{1}{4}$	14,430 "	148,400	7,051,968	26,084,849	64 "	488.7	465.48
November,	101 $\frac{1}{2}$	15,600 "	156,900	7,455,888	25,509,771	64 "	477.93	520
December,	109 $\frac{1}{2}$	18,990 "	169,800	8,061,976	22,659,713	64 "	424.53	612.58
Total for 1888,	1,321	208,635 "	2,034,700	97,500,356				

Average duty for year, 25,023,202.  
Average head for year, 64 feet dynamic.

Average number of gallons to one pound of coal, 468.81.  
Average number of pounds of coal per day, 570.04.

The above figures are a report of the year 1888, and are correct to the best of my knowledge.

W. A. H. JONES, *Engineer.*

## Water Supply—Pumping Works.

Mr. W. A. H. Jones, the Engineer, reports the number of gallons of water pumped during the year was 97,500,356. This is the quantity of water which was used by the high service part of the Town.

The water used by the low service was not measured, but was probably about 150,000,000 gallons. The total water pumped in the year 1888 was 117,309,062 gallons less than in the year 1887, causing a saving in fuel of about 150 tons coal, or about \$750. The saving in expenses by not running Sundays is \$100 per year, and the saving in other running expenses, and in wear and tear of machinery, cannot be fairly estimated at less than \$150 per year, making the reduced running expenses this year under the divided service \$1,000.

All of this reduction does not appear in comparing the printed report of 1887 with this report, because a part of the coal consumed in 1887 was paid for in 1886, and the permanent improvements at the pump station were about \$300 more in 1888 than in 1887.

In all previous reports of the duty of the pump the calculations were based somewhat upon an assumed head, because the changes in the head were so frequent and so great, on account of pumping directly into a small pipe, and having a varying suction, that the correct average head could not be got from the data taken.

When the pump is run by No. 1 boiler the duty is larger than when run by No. 2 boiler.

Water has been pumped from Lout Pond only two days this year.



The buildings, machinery and boilers are apparently in good repair and well cared for by the Engineer. The high service reservoir appears to be in good condition.

### Tests of the Purity of the Water.

The State Board of Health made chemical analyses of water taken from South Pond, Little South Pond and Lout Pond many times during the year from June, 1887, to July, 1888. Their reports show that the water from all the ponds was always of excellent quality. Their last letter and the last of their series of analyses is copied herein.

STATE BOARD OF HEALTH,  
CHIEF ENGINEER'S OFFICE, 13 Beacon Street,  
BOSTON, Mass., July 2, 1888. }

R. W. BAGNELL, Esq, *Supt. of Water Works, Plymouth.*

DEAR SIR:—A year's work in the examination of all sources of water supply in Massachusetts having been completed, it has been decided that for the second year those supplies only should be examined where some serious trouble from taste or odor in the water has occurred, or where the character of the analyses was such as to make further examination seem desirable. The Plymouth water is colorless, excepting that from Lout Pond, and has been fairly constant in its chemical properties throughout the year; and as it has not given trouble on account of taste or odor it was decided that further examination was unnecessary. We will send you a copy of the last analyses made of Plymouth water, so that you may have a complete set.

Yours very truly,

X. H. GOODNOUGH,

*Assistant Engineer S. B. of H.*

## Commonwealth of Massachusetts.—State Board of Health. Water Analysis.—Plymouth. (Parts in 100,000.)

FROM SOURCE OBTAINED.	DATE OF		APPEARANCE.		ODOR.		RESIDUE ON EVAPORATION.				AMMONIA.		CHLORINE.	NITROGEN AS NITRATES AND NITRITES.	NITRITES.	HARDNESS.
	Collection.	Examination.	Turbidity.	Color.	Cold.	Hot.	Total.	Loss on Ignition.	Fixed.	Odor on Ignition.	Free.	Albuminoid.				
South Pond,	February 28	29	Very slight, very little sediment.	0.0	Very faint, or none,	None,	1.85	0.30	1.55	Peaty,	.0008	.0074	.46	.001	None,	
South Pond,	April 26	27	Very slight, no sediment.	0.0	Very faint, or none,	None,	2.80	0.60	2.20	Peculiar,	.0000	.0120	.59	.005	None,	
South Pond,	May 28	29	Very slight, no sediment.	0.0	None,	None,	2.55	0.65	1.90	Peaty, and somewhat disagreeable.	.0000	.0088	.58	.002	None,	0.5
Little South Pond,	February 28	29	Slight, no sediment,	0.0	Faintly straw-like,	Distinctly grassy and cucumber.	2.35	0.70	1.65	Peaty,	.0002	.0130	.61	.006	None,	
Little South Pond,	April 26	27	Slight, no sediment.	0.0	Very faint, or none,	Very faintly wooden,	2.50	0.35	2.15	Faintly peaty,	.0004	.0144	.59	.000	None,	
Little South Pond,	May 28	29	Slight, very little white sediment.	0.0	Very faint, or none,	Faintly grassy,	2.30	0.55	1.75	Peculiar,	.0000	.0132	.56	.001	Slight,	0.16
Lout Pond,	April 26	27	Slight, very little white sediment.	0.3	Very faint, or none,	None,	2.85	0.75	2.10	Peaty,	.0000	.0157	.65	.002	None,	
Lout Pond,	May 28	29	Slight, some earthy sediment.	0.2	Very faint, or none,	None,	2.60	0.70	1.90	Very faintly peaty,	.0002	.0140	.63	.003	None,	0.6

### Division of Services.

The pipes of the high and low services are separated by gates as follows :

A 14-inch gate at the Pump Station.

A 10-inch gate on Summer Street, corner High Street.

A 2-inch gate on Spring Street, near High Street.

A 8-inch gate on Spring Hill, junction of Mill Lane.

A 6-inch gate on Spring Hill, junction of Sandwich and Pleasant Streets.

A 4-inch gate on Sandwich Street, north side Mt. Pleasant Street.

A 4-inch gate on High Street, near Market Street, has a  $\frac{5}{8}$ -inch by-pass.

A 4-inch gate in Town Square.

A 4-inch gate on Russell Street, near the Court House.

A 2-inch gate on Vernon Street, above house of Miles S. Weston.

A 6-inch pipe on Samoset Street, east side of Allerton Street.

A 4-inch gate on Cushman Street, near Court Street.

A 6-inch gate on Court Street, south side Allerton Street.

The supply can be made all high service, except for the woolen mill, by opening one gate at the pump station and nearly closing the check valve near the Allerton Street reservoir. It can be made all low service by closing one gate at the pump station.

There are about 600 feet of two-inch pipe in Pleasant Street, between South Green Street and Whiting Street, which the Town has authorized the Commissioners to replace with larger

pipe. It is proposed to lay a six-inch pipe next Spring.

When the Town voted to furnish water to the Plymouth Woolen Mill Company they authorized the Water Commissioners to contract with the Mill Company for a term of fifty years, from January 1, 1880. The contract was signed this year by a majority of the Board, and is on file at the town house.

Respectfully submitted,

NATHANIEL MORTON,	}	<i>Water Commissioners.</i>
SAMUEL H. DOTEN,		
EVERETT F. SHERMAN,		
H. P. BAILEY,		
CHARLES S. DAVIS,	}	

PLYMOUTH, Dec. 31, 1888.

# SUPERINTENDENT'S REPORT.

OFFICE OF PLYMOUTH WATER WORKS, }  
PLYMOUTH, January 1st, 1889. }

TO THE BOARD OF WATER COMMISSIONERS :

GENTLEMEN—I have the honor to present herewith my fifteenth annual report, for the year ending December 31st, 1888.

## Pipes Laid During 1888, and Cost of Same.

NO. OF FEET.	SIZE.	COST.	WHERE LAID.
524	4 inch,	\$254 35	Mount Pleasant, between Whiting Street and house of Miss Johnston.
251	4 "	144 64	Summer Street, between residences of Paulding and Bumpus.
856	4 "	405 31	Faunce's Lane, between Allerton Street and house of N. M. Sears.
115	4 "	58 91	Centennial Street, between residences of Cameron and Dries.
1,033	4 "	551 13	Water Street, from Chilton to South Depot Avenue.
307	4 "	194 33	Samoset Street, between Oak and Chestnut Street.
273	4 "	223 42	Robinson Street, from Pleasant to house of William W. Pope.
204	2 "	78 32	Sagamore Street, between Robinson and Massasoit.
43	2 "	14 35	Water Street, for blow off.
1,020	6 "	960 42	Samoset Street, between Allerton and Shoe Factory.
116	8 "	252 62	Market Street, between Mill Lane and Sandwich Street.
80	2 "	30 10	Massasoit Street, {
123	2 "	31 77	Davis Street, { lowered down to conform with
339	4 "	186 28	Court Street. { change of grade.
247	4 "	167 65	Mayflower, between residences of S. H. Doten and Mrs. J. Ryder.
5,531		\$3,553 60	Total number of feet, and cost.

The 247 feet of 4-inch on Mayflower Street, and the 273 feet of 4-inch on Robinson Street was laid in place of 2-inch pipe taken up.

### Service Pipes.

The street mains have been tapped for new supplies in forty-seven places, at a cost of \$214.29. Making a total number of taps to date 1,364, the street length of service pipes being 26,776 feet.

Seventeen leaks have occurred the past year in service pipes, cost of repairs, \$56.93. In two cases galvanized iron pipes have been replaced by lead at a cost of \$17.24.

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### New Takers.

There have been added to the water-takers this year, fifty-eight tenements, thirty-three water closets, fifteen bathing tubs, six stables, one carriage manufactory, one laundry, one six horse-power boiler, one tack manufactory, and one greenhouse.

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### Street Mains.

The water was turned on from the high pressure reservoir December 20th, 1887, the increased pressure on the pipes, caused for a time a large number of breaks, and the frost being from four to five feet deep, a great expense was incurred in making the repairs. At present the number is greatly diminished, and probably the weak places are about all repaired.

In the many opportunities afforded through service connections to examine the condition of the mains, I have found in almost every instance upon removing the cement, the iron bright and firm as at the time it was laid thirty-four years ago.

In most cases the breaks have occurred in the pipes first laid, and were caused by the pipes becoming rusty by neglecting to clean the pipes before cementing.



**Table Showing the Number of Leaks and Cost of Repairs.**

NUMBER.	SIZE OF PIPE.	COST.
4	10 inches.	\$44 15
1	8 "	8 25
4	6 "	59 80
38	4 "	257 56
3	3 "	11 35
39	2 "	211 18
89		\$592 29

### Gates.

Twenty-five new gates from two to eight inches have been set the past year. The cost of seventeen of the above gates is included in the cost of the extensions. One two-inch set on Davis Street, west of Highland Street branch, at a cost of \$13.78. One two-inch on Vernon Street, at end of two-inch pipe, at a cost of \$14.90. One two-inch for a blow off on Water Street, at a cost of \$14.35. One two-inch on Massasoit Street, junction Mayflower, at a cost of \$13.74. One four-inch set on Robinson, junction Mayflower, at a cost of \$18.57. One two-inch set on Spring Street, junction High, at a cost of \$13.40. One six-inch set on Samoset, above Allerton Street branch, at a cost of \$21.58. One four-inch set on Court, south of Cherry Street branch, at a cost of \$18.37. One old four-inch gate taken out on Pleasant Street and replaced by a new one at a cost of \$15.10.

### Reservoir.

The low service reservoir is in good condition, and nothing has been expended on it this year.

### Boxes.

Sixty-one service and six gate boxes have been replaced by new ones, at a cost of \$83.55.

### Labor.

Whole amount expended for labor during the year:

for labor on extensions..	\$1,375 37	
all other labor.....	1,690 81	
		<u>\$3,066 18</u>

Amount received for labor, trenching.... \$949 14

Amount received for shutting off services	109 50	
		<u>1,058 64</u>

Total cost of labor during the year, less refunded	\$2,007 54
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### Schedule

Showing the number of feet of each size pipe and the number and size of gates on the Works, December 31st, 1883.

SIZE IN INCHES.	LENGTH OF PIPE IN FEET.	NUMBER OF GATES.
20	65	
16	7,515	2
14	8,252	6
12	64	2
10	19,685	16
8	4,732	11
6	12,544	22
4	57,001	86
3	9,562	13
2	28,292	77
1	1,290	7
Totals,	148,993	242

The street length of service pipes being 26,776 feet with the main and distribution pipes, make a total of 175,769 feet of pipe, or 33 miles and 1,529 feet.

Yours respectfully,

R. W. BAGNELL, *Superintendent.*

## PLYMOUTH WATER SCRIP SINKING FUND.

TO THE SELECTMEN OF PLYMOUTH :

GENTLEMEN,—We respectfully submit the following statement of the condition of the Sinking Fund of the Plymouth Water Scrip.

February 1, 1889.

To amount received from Town Treasurer .....	\$6,838 53
income received from the same .....	1,869 64
	<hr/>
	\$8,708 17

The amount is invested as follows :

Plymouth Savings Bank .....	\$513 92	
Bond of Chicago & Eastern Illinois Railroad Co., 6 per cent ... ..	990 00	
Bond of Oregon Short Line Railroad, 6 per cent .....	1,021 25	
Four shares Globe National Bank ...	392 00	
Twenty-two shares Massachusetts Cen- tral Railroad Co .....	271 00	
Six shares Tremont National Bank ...	639 00	
Ten shares Market National Bank ...	966 75	
Ten shares Blackstone National Bank	1,046 25	
Six shares Webster National Bank ...	625 50	
Cook Co. Bond, \$1,000, 7 per cent ...	1,132 50	
Chicago, Burlington & Quincy Railroad, 7 per cent. bond .....	592 50	
Five shares National City Bank .....	517 50	
	<hr/>	\$8,708 17

WILLIAM H. NELSON, }  
G. G. DYER, } *Trustees.*

PLYMOUTH, February 10, 1889.

## FIRE DEPARTMENT.

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### Board of Engineers.

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H. P. BAILEY, *Chief.*

P. S. BURGESS, *Clerk.*

A. E. DAVIS,

W. E. BAKER,

W. E. CHURCHILL,

GEO. E. SAUNDERS,

} *Assistants.*

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*To the Selectmen of Plymouth :*

GENTLEMEN,—The Board of Engineers respectfully submit their annual report for the year ending Dec. 31st, 1888 :

### Force and Apparatus.

The working force and apparatus of the Fire Department is the same as usual.

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### Hose.

The hose in the department, except that used on the steamers, is in poor condition, and one thousand feet should be purchased the coming year.

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### Building.

The buildings in the department are in fair order, yet some need painting. An addition has been made to the building off Summer Street, occupied by Hose No. 1, for storage purposes.

### Hydrants and Reservoirs.

Eight new post hydrants have been set the past year, making in all seventy-nine now belonging to the Town.

One hydrant has been set at the southerly end of the water works system at Chiltonville, with the understanding that the Plymouth Woolen and Cotton Mill Company should supply suitable hose to protect the buildings in that vicinity. The five reservoirs belonging to the Town are tight and in good order.

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### Fires.

There have been fourteen alarms of fire the past year. The loss has been small in most cases, that at the woolen mill tenement being the largest; loss estimated at one thousand dollars, insured; the others in Town ranging from five dollars to three hundred dollars. The loss on store at Chiltonville, for which no alarm was given, it being so far away, was estimated at \$6,000, partly insured. The Chemical was sent to their assistance and helped to put out the fire.

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### Finance.

CR.

By appropriation .....	\$3,200 00
To expenses, 1888. ....	3,187 55
	<hr/>
Undrawn balance .....	\$12 45

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### Appropriation.

It is estimated that an appropriation of four thousand dollars will be wanted to meet the expenses of the Fire Department the coming year and for the purchase of new hose, and is recommended.

### Fire Escape.

A new fire escape, consisting of canvas chute, jumping canvas and gun to throw line has been purchased by the department the past year as required by a recent act of Legislature, at a cost of \$120, and is now carried to all fires in charge of the Hook and Ladder Co.

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### Recommendation.

The Engineers recommend that the Town take some action in regard to providing horses for the use of the Fire Department.

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### Conclusion.

The Board of Engineers desire to thank the members of the department for their unusual promptness in responding to all alarms the past year, and for the good work performed by them on all occasions.

Respectfully for the Engineers,

H. P. BAILEY, *Chief*.



## REPORT OF THE OVERSEERS OF THE POOR.

The undersigned Overseers of the Poor submit the following report :

The calls for aid outside have been in excess of the previous year. The steam heating apparatus not proving adequate to properly heat the building, a larger boiler was required, which with the connections, cost \$560.00 and accounts chiefly for the overdraft in the account.

The poor who are inmates of the Almshouse have been carefully looked after and comfortably clad, and furnished with good and abundant food.

The wants of the outside poor have been considered and supplied, as in the judgment of the Overseers was necessary.

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The Town raised for support of the poor the past year	\$7,000 00
Received from other towns and other sources . . . . .	1,764 56
	<hr/>
	\$8,764 56
Overdrawn . . . . .	886 98
	<hr/>
Amount expended . . . . .	\$9,651 54

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### Insane Poor.

Amount appropriated for insane poor . . . . .	\$2,800 00
reimbursed . . . . .	942 83
	<hr/>
	\$3,742 83
Amount expended . . . . .	\$3,044 01
	<hr/>
Undrawn . . . . .	\$698 82

### Poor at the Almshouse.

Number of inmates, January 1st, 1888.....	16
admitted during the year.....	9
discharged during the year.....	1
died during the year .....	5
remaining January 1st, 1889.....	19

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### Insane Poor.

Number at the hospitals, January 1st, 1888....	17
admitted during the year.....	3
discharged during the year.....	0
died during the year.....	1
remaining January 1st, 1889.....	19

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We recommend that there be raised for the support of the poor for the ensuing year \$7,500, and for the support of the insane poor \$1,900.

GEORGE H. JACKSON,	} <i>Overseers</i>
JOHN CHURCHILL,	
C. P. HATCH,	
	<i>of the</i>
	<i>Poor.</i>

## TOWN CLERK'S REPORT.

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### Abstract of Records for 1888.

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*Voted*, That ten Surveyors of Highways and Bridges be chosen for the district south of Jabez Corner, and the Selectmen be instructed to divide that portion of the Town into ten districts.

*Voted*, That the Surveyors be instructed to work the roads in the Spring, and to employ workmen living in the respective districts.

*Voted*, That the Selectmen be authorized to prosecute, compromise or defend any claim or suit within the Commonwealth in the name of the Town.

*Voted*, That the Town grant to the Public Library the amount of the dog fund now in the Treasury, to wit., \$792.55, and appropriate the sum of \$207.45 for the maintenance of said Library.

*Voted*, That no licenses be granted for the sale of intoxicating liquors in this Town; nays, 481; yeas, 145.

*Voted*, That the sum of \$250 be added to the appropriation for Watch and Police, and that the undrawn balance of the appropriation for the enforcement of the liquor law be carried to the Watch and Police Department, and that the addition thus made be used in the enforcement of the vote of the Town to grant no license.

*Voted*, That the Selectmen be instructed to publish in the next annual town report the separate items of expenditure incurred in the enforcement of the no-license law; also that they be instructed to give an account of the number of raids, the houses and persons raided and the general work of the police, special or regular, in the carrying out the vote of the citizens of the Town.

*Voted*, That the Board of Engineers, together with a committee of five be appointed by the Moderator, who shall consider the expediency of the purchase of a steam fire engine and 500 feet of hose, and report at a future meeting of the Town.

*Voted*, That the Water Commissioners be authorized to lay such new pipes and take up such two-inch and three-inch pipes as may be necessary to carry sufficient water for high service supply to the territory south of Winter Street, in pipes through Pleasant, South and Whiting Streets, and to carry low service supply from Spring Hill through Sandwich Street to Winter Street.

*Voted*, That the School Committee, together with the Selectmen, be instructed to report at a future meeting of the Town plans and estimates and a suitable location for a new High School-house.

*Voted*, That the Sewerage Committee recommend that the Selectmen petition the Legislature at its present session to amend Chapter 324 of the Acts of 1887, entitled "An Act to authorize the Town of Plymouth to lay sewers," in accordance with the amendments reported by them and printed in the newspapers of the Town.

*Voted*, That the Water Commissioners be released from the obligations contained in the vote passed July 2d, 1887, relating to water pipes on Vernon Street, Robinson Street and Highland Place.

*Voted*, That the sum of \$400 be added to the appropriation for improvement of sidewalks, and that the same be expended for concreting the sidewalks on Pleasant and South Streets, within the bounds laid out by the County Commissioners as far south as Whiting Street, and thence to the Mount Pleasant School-house.

*Voted*, That the Selectmen be directed to replace the concrete crossings at the foot of Spring Hill with stone, and that the cost of the same be paid out of the appropriation for Roads and Bridges.

*Voted*, That the Selectmen be instructed to widen and change the grade of the road at the north part of the Town in compliance with the order of the County Commissioners, and to petition the Commissioners for an allowance for damage sustained by the necessity of relaying water pipes.

## TOWN OFFICERS.

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SELECTMEN—William H. Nelson, John Churchill, Everett F. Sherman, Leavitt T. Robbins, William T. Davis.

TOWN CLERK—Curtis Davie.

TOWN TREASURER—Curtis Davie.

COLLECTOR OF TAXES—John Churchill.

ASSESSORS—Charles H. Holmes, Alonzo Warren, Benjamin F. Ward.

OVERSEERS OF THE POOR—George H. Jackson, elected March 1, 1886; Charles P. Hatch, elected March 7, 1887; John Churchill, elected March 5, 1888.

WATER COMMISSIONERS—Charles S. Davis, elected March 1, 1886; Samuel H. Doten, Horace P. Bailey, elected March 7, 1887; Everett F. Sherman, Nathaniel Morton, elected March 5, 1888.

AGAWAM FISHERY COMMITTEE—Jesse R. Atwood, Joseph F. Towns, Augustus Robbins.

SCHOOL COMMITTEE—Charles I. Litchfield, James Millar, elected March 1, 1886; Elizabeth Thurber, Charles O. Churchill, elected March 7, 1887; William T. Davis, elected March 5, 1888.

SUPERINTENDENT OF SCHOOLS—Charles Burton.



CONSTABLES—Joseph W. Hunting, Freeman Manter, Joseph F. Towns, Ira C. Ward, James B. Collingwood.

BURIAL HILL COMMITTEE—Selectmen.

SUPERINTENDENT OF BURIAL HILL—William T. Davis.

SURVEYORS AND MEASURERS OF LUMBER—Leavitt T. Robbins, Edward B. Atwood, George H. Jackson, Cornelius C. Holmes.

SEALER OF WEIGHTS AND MEASURES—Christopher T. Harris.

PLYMOUTH BEACH COMMITTEE—Selectmen.

SURVEYORS OF HIGHWAYS AND BRIDGES—Selectmen, Charles E. Bumpus, Thomas C. Harlow, Sydney B. Blackmer, George H. Pierce, Clark Finney, Jr., Lewis W. Thrasher, Horatio Wright, Martin V. B. Douglass, Gustavus G. Sampson, Nathaniel Clark.

FIELD DRIVERS AND FENCE VIEWERS—Joseph F. Towns, Nathan B. Perry, Hosea C. Bartlett, Galen R. Holmes, Jacob W. Southworth, Albert O. Beckman, Nathan E. Smith.

SUPERINTENDENT OF WATER WORKS—Richard W. Bagnell.

COLLECTOR OF WATER RATES—William T. Hollis.

POUND KEEPERS—Obed C. Pratt, Galen R. Holmes, Hosea C. Bartlett, Nathan B. Perry, Nathan E. Smith.

TRUSTEES OF WATER SCRIP SINKING FUND—William H. Nelson, George G. Dyer, William T. Davis.

COMMITTEE ON INLAND FISHERIES—Thomas D. Shumway, Charles B. Stoddard, Benjamin A. Hathaway, Charles E. Bumpus.

BOARD OF REGISTRATION—Isaac M. Jackson, John W. Churchill, Herbert Morrissey, Curtis Davie.

SEXTON—Ozen Bates.

BOARD OF HEALTH—James B. Collingwood, Edgar Dwight Hill, Charles Henry Holmes, Henry Harlow.

BOARD OF ENGINEERS OF FIRE DEPARTMENT—Horace P. Bailey, William E. Baker, Peleg S. Burgess, Albert E. Davis, George E. Saunders, William E. Churchill.

COMMITTEE ON FIRE IN THE WOODS—William T. Davis, Nehemiah L. Savery, John C. Barnes, Gustavus G. Sampson, Samuel Bradford, Galen R. Holmes, Horatio Wright, M. V. B. Douglass, Joseph F. Towns, Nathan B. Perry.

SUPERINTENDENT OF CHILTONVILLE BURIAL GROUND—Augustus B. Rogers.

### Marriages Registered in Plymouth in 1888.

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- Jan. 6. Sylvanus W. Sampson and Asenath S. Burgess, both of Plymouth.
- Jan. 10. George A. Ross of Weymouth and Mary E. Washburn of Plymouth. Married at No. Weymouth.
- Jan. 14. Thomas G. Gillman and Lillian T. Baker, both of Plymouth.
- Jan. 19. William L. Beckman and Mary A. Kelley, both of Plymouth.
- Jan. 30. James T. Snell and Tilda J. Monaghan, both of Plymouth. Married in Middleboro.
- Jan. 30. William T. Burt and Emily G. Westgate, both of Plymouth. Married in Middleboro.
- Feb. 9. Arthur J. Howland and Florilla A. Harmon, both of Plymouth.
- Feb. 13. James A. Shoults and Lydia A. Davidson, both of Plymouth.
- Feb. 14. John Welch and Lena Braunecker, both of Plymouth.
- Feb. 14. Will C. Snell and Alma L. Poreau, both of Plymouth. Married in Winchester, N. H.
- Feb. 18. Daniel Burgess, Jr., of Plymouth, and Hannah Marsh of Duxbury. Married in Duxbury.
- Mar. 1. Seth L. Vickery of Kingston and Amy C. Ryder of Middleboro.
- Mar. 8. William W. Brewster and Cora W. Freeman, both of Plymouth.

- Mar. 8. Peter Wood and Lucy E. Peterson, both of Plymouth.
- Mar. 10. John Rudolph and Lena Trees, both of Plymouth.
- April 4. Elmer E. Sherman of Plymouth and Helen S. Babbitt of Dighton. Married in Dighton.
- April 12. Jeremiah Driscoll of Plymouth and Hannah J. Donahue of Boston. Married in South Boston.
- April 17. William F. Shaw of Plymouth and Olive B. Thompson of Shiremanstown, Pa.
- April 21. James T. Ryder and Lydia W. Reed, both of Whitman.
- April 25. Charles W. Haskins and Alice M. Dean, both of Raynham.
- May 8. Thomas C. Herbert of Plymouth and Gertrude F. Maloon of Natick. Married in Natick.
- May 10. George E. Doten and Ella M. Bourne, both of Plymouth.
- May 17. Edward B. Burns and Eleanor B. Pratt, both of Plymouth.
- May 19. Frederick A. Voght and Bessie F. Wade, both of Plymouth.
- May 30. William B. Drew and Lizzie B. Torrance, both of Plymouth.
- June 2. Thomas A. Cornish and Mary I. Proctor, both of Plymouth.
- June 3. Herbert W. Bartlett and Addie T. Sampson, both of Plymouth.
- June 5. Frederic W. Franklin of Danielsonville, Conn., and Sara James of Plymouth.
- June 9. Seth Mehurin and Emily Westgate, both of Plymouth.
- June 11. Vincenzo Peyzetti and Daria Gallerani, both of Plymouth. Married in Boston.

- June 15. Lewis B. Gould and Annie Gray, both of Plymouth.
- June 15. John H. Burke and Elnora E. Eaton, both of Plymouth.
- June 16. Charles E. Danforth and Lucetta E. Churchill, both of Plymouth.
- June 18. Elmer M. Loring and Annie F. Holmes, both of Plymouth.
- June 23. Louis Wenbauer and Lizzie Peck, both of Plymouth.
- July 10. Allen D. McKay and Mary S. Beaton, both of Plymouth.
- July 12. Frederick D. Bartlett and Lucy May Harlow, both of Plymouth.
- July 26. Henry K. White of Winchester and Annie A. Frawley of Plymouth. Married in Boston.
- July 27. Ezra S. Diman, Jr., of Plymouth; and Mary E. Lucas of Carver.
- Aug. 10. Edward J. Carr and Agnes W. McKenzie, both of Plymouth.
- Aug. 16. Frank Ellis and Frances A. Green, both of Plymouth.
- Aug. 18. Philip Dries and Anna Baus, both of Plymouth.
- Aug. 25. Edwin H. Marks and Emma D. Hathaway, both of Plymouth. Married in Kingston.
- Aug. 29. William H. Peterson and Addie F. Bennison, both of Plymouth.
- Sept. 8. Willard R. Swift and Mary B. Morse, both of Plymouth.
- Sept. 12. Jay H. Wood of Lynn and Sarah A. Nichol of Plymouth.
- Sept. 22. Henry Gould and Elizabeth B. Churchill, both of Plymouth.
- Sept. 27. James H. Robbins and Edith May Sampson, both of Plymouth.

- Oct. 2. Bernard Cahill and Hannah Quinlan, both of Plymouth.
- Oct. 15. Fred D. Gerry and Delia J. Domas, both of Plymouth.
- Oct. 23. Edward H. Burbeck of Plymouth and Elnora F. Thomas of Littleton, N. H. Married in Bosion.
- Oct. 25. Wallace Nightingale and Sarah Valler, both of Plymouth.
- Oct. 27. Andrew E. Raymond of Plymouth and Ida M. Chandler of Duxbury.
- Nov. 5. Jacob Mahler, Jr., and Elizabeth Herrick, both of Plymouth.
- Nov. 6. Bradford L. Raymond and Susan A. Parker, both of Plymouth.
- Nov. 6. Elijah H. Douglas and Elizabeth Haskins, both of Plymouth.
- Nov. 7. Isaac Martin Smith of Plymouth and Anzie Ryder of Bourne. Married in Bourne.
- Nov. 20. Charles H. Gerrior and Ida E. Churchill, both of Plymouth. Married in Sandwich.
- Nov. 24. Daniel McDonald and Christy A. McAuley, both of Plymouth.
- Nov. 27. John J. O'Connell and Ellen F. Lawler, both of Plymouth.
- Nov. 28. Frank Longfellow and Fannie E. Dean, both of Plymouth.
- Nov. 29. Wallace H. Ellis of Lynn and Carrie A. Harlow of Plymouth.
- Nov. 29. William F. Fuller and Carrie G. Leonard, both of Worcester.
- Nov. 29. Lawrence H. White and Annie G. Murray of Boston. Married in South Boston.
- Nov. 29. Antonio S. Lebrun of Taunton and Emma D. Wood of Plymouth. Married in Taunton.



- Dec. 13. Charles D. Lewis and Hannah B. Ellis, both of Plymouth.
- Dec. 13. Robert S. Phillips and Annie Bartlett, both of Plymouth.
- Dec. 19. John B. Briggs and Lillian G. Harlow, both of Plymouth.
- Dec. 19. Benjamin T. Haskins and Susie A. Chase, both of Plymouth.
- Dec. 24. Herbert M. Ryder and Jennie G. Sampson, both of Plymouth.
- Dec. 25. Henry Henderson and Sarah Manuel, both of Plymouth.
- Dec. 25. Nicholas Stevens and Mary Kuhn, both of Plymouth.
- Dec. 29. George W. Wall and Annie H. Robbins, both of Plymouth.
- Dec. 31. Walter Whiting and Jennie A. Cooper, both of Plymouth.

# Births Registered in Plymouth in 1888.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1888.				
Jan. 4,	Charlotte E. Flagg,	George and Catharine,	Worcester,	Nova Scotia.
" 5,	Alonzo R. Woodward,	Alonzo W. and Mary T.,	East Weymouth,	Raynham.
" 8,	Nellie Alvaro Bradford,	Gardner L. and Lillian P.,	Kingston,	Middleboro.
" 18,	Fannie Adelaide Hoxie,	Nathaniel F. and Lucia W.	Plymouth,	Plymouth.
" 31,	Ethel Permilla Reid,	Ezra W. and Emma L.,	Milton, N. Y.,	Coloetown, N. Y.
Feb. 2,	Clarence Ellis Chandler,	Arthur J. and Rebecca B.,	Duxbury,	Plymouth.
" 3,	Helen W. Smith,	Charles A. and Hattie S.	Boston,	Plymouth.
" 6,	Emma M. Campbell,	Archibald and Emily,	Scotland,	Plymouth.
" 6,	Maud R. Shaw,	Benjamin R. and Nellie M.,	Plymouth,	Nantucket.
" 9,	Jane Derrick,	John and Katharine,	Providence, R. I.,	Lowell.
" 22,	Fannie Lincoln Moody,	Nathaniel D. and Martha C.,	Virginia,	Virginia.
" 23,	Lillie May Picard,	John B. and Maggie A.,	Nova Scotia,	Nova Scotia.
" 23,	Nellie F. Raymond,	James H. and Lucinda,	Plymouth,	Plymouth.
" 25,	Frederick Winslow Burgess,	Vinal F. and Carrie,	Plymouth,	Plymouth.
" 28,	William John Emerson,	Thomas and Mary,	Ireland,	Scotland.
" 29,	David Patrick Drummond,	Richard J. and Ellen,	Nova Scotia,	Randolph.
" 29,	Julian Scott Bradford,	George H. and Mary E.	Bridgewater,	Plymouth.

March	2,	Lena Schneider,	Philip and Margaret,	Germany,	Germany.
"	4,	Charles A. Aldrich,	David E. and Laura L.,	Providence, R. I.,	Plymouth.
"	5,	Annie Louise Carnes,	James B. and Annie M.,	Plymouth,	New York City.
"	6,	George A. Raymond,	George A. and Margy M.,	Plymouth,	Plymouth.
"	6,	James Warren Nickerson,	Jethro and Delia,	Nova Scotia,	Nova Scotia.
"	7,	Elizabeth P. Holmes,	Henry F. and Elizabeth T.,	Plymouth,	Plymouth.
"	13,	Frances Lord,	Arthur and Sarah,	Wisconsin,	Chicago, Ill.
"	13,	Arcangela Cavicchi,	Celso and Adele,	Italy,	Italy.
"	15,	Estella May Harrison,	Azel W. and Mary E.,	Plymouth,	Wareham.
"	18,	Benjamin Franklin Ford,	Frank P. and Cleora L.,	Plymouth,	
"	18,	Joseph Lodi,	Luigi and Sosphyzia,	Italy,	Italy.
"	24,	William Melville Pratt,	James H. and H. Eva,	Nova Scotia,	Falmouth.
"	26,	Fred Everett Burns,	Alfred S. and Sarah L.,	Plymouth,	Belfast, Me.
"	28,	Rebecca T. Robbins,	William T. and Martha A.,	Plymouth,	England.
"	30,	Alfred W. Murdock,	Charles A. and Annie E.,	Nova Scotia,	Nova Scotia.
"	31,	John M. Williams,	Edward A. and Elizabeth A.,	Lynn,	Plymouth.
"	31,	Helen Beecher Gray,	William H. and Matilda,	Virginia,	Virginia.
April	12,	Russell Baxter Kierstead,	Andrew and Mary A.,	New Brunswick,	New Brunswick.
"	16,	Adam Schmidt,	John and Louisa,	Germany,	Germany.
"	18,	Ethel Howard Vinal,	Edward F. and Alice G.,	Scituate,	Kingston.
"	19,	Elizabeth Frances Harlow,	William H. and Annie,	Plymouth,	Duxbury.
"	22,	Caroline Whiting Goddard,	Frank and Fannie,	Plymouth,	East Bridgewater.
May	3,	Adolph Wiechel,	Charles and Lena,	Germany,	Germany.
"	5,	Bertha May Hipson,	Israel and Caroline,	Nova Scotia,	Nova Scotia.
"	7,	Mary Sophronia Chase,	Walter H. and Mary J.,	West Harwich,	Pembroke.
"	11,	Louisa May Dickerman,	Isaac W. and Rosa,	Plymouth,	Wareham.
"	13,	Barbara Kellar,	Nicholas and Annie G.,	Germany,	Wareham.
"	20,	James Pinkham,	Edward and Margaret M.,	Ireland,	Germany.
"	21,	George W. Dyer,	George S. and Ada B.,	Plymouth,	Biddeford, Me.
"	22,	Amy Milton Churchill,	Herbert C. and Emma L.,	Plymouth,	Plymouth.
"	26,	Thomas Caswell,	Albert E. and Mary E.,	Plymouth,	Plymouth.
"	31,	Frederick Peck,	John and Margaret,	Germany,	Germany.
June	5,	Alice McArdle,	John F. and Mary E.,	Milford,	Kingston.
"	10,	Lillian Porter Beckman,	Albert O. and Lizzie P.,	Plymouth,	Middleboro.

# Births Registered in Plymouth in 1888—Continued.

DATE.	NAMES.	NAMES OF PARENTS.	BIRTHPLACE OF PARENTS.	
			FATHER.	MOTHER.
1888.				
June 14,	Dora Tassinari,	Vincent and Mary,	Italy,	Italy.
" 14,	Rosa Tassinari,	Vincent and Mary,	Italy,	Italy.
" 15,	Alice LeBaron Gooding,	Benjamin W. and Lydia S.,	Plymouth,	Duxbury.
" 15,	Catharine Helena Leland,	Asa S. and Annie,	Sherborn,	Millford.
" 15,	Frank Rogau,	Thomas J. and Mary E.,	Lowell,	Randolph.
" 16,	Ida May Frances Sears,	Herbert W. and Ida J.,	Plymouth,	Plymouth.
" 27,	John Silva,	Joseph L. and Minnie,	Western Islands,	Western Islands.
" 30,	Charles S. Davis,	Charles S. and Lydia,	Plymouth,	Plymouth.
July 1,	William Robert McKenzie,	William R. and Katie A.,	Prince Edward's Is-	Cape Breton.
" 1,	Avis Gertrude Nickerson,	Warren S. and Emily J.,	Nova Scotia, [land,	Nova Scotia.
" 4,	Grace Agnes Mahler,	Charles and Mary,	Plymouth,	Cambridge.
" 6,	Seth W. Mehurin,	Seth and Emily,	Plymouth,	Plymouth.
" 9,	Marion W. Milburn,	Edward and Mary J.,	Boston,	Virginia.
" 14,	Arthur D. Wall.	Arthur B. and Clara W.,	Plymouth,	Plymouth.
" 22,	Florence Pearl Forstmeier,	Victor H. and Paulina,	Germany,	Staten Island N. Y.
" 24,	Frances Cleveland Douglass,	Elisha T. and Annie,	Plymouth,	Plymouth.
" 26,	James H. Taylor,	Peter and Sarah J.,	Cape Breton,	Plymouth.
" 28,	Alma N. Nickerson,	Nehemiah R. and Hattie N.,	Dennisport,	Harwich.
" 31,	Maud Williams Morton,	William P. and Hattie C.,	Plymouth,	Plymouth.
August 3,	Charles Persetti,	Andrew and Adele,	Italy,	Italy.
" 4,	Charles W. Danforth,	Charles E. and Lucetta,	New York,	Plymouth.
" 11,	Ernest William Manter,	Frank E. and Esther M.,	Wareham,	Plymouth.
" 17,	Samuel Francis Knowles,	Samuel F. and Amber G.,	Orleans,	Plymouth.
" 18,	Charles Francis Cole,	Charles F. and Lillian W.,	Wellfleet,	Wellfleet.

Aug.	25,	Minnie J. Sampson,	Frank A. and Minnie L.,	Kingston,	Denmark.
"	28,	Elmer L. White,	Pascal H. and Sarah A.,	Nova Scotia,	Plymouth.
"	29,	James O'Brien,	William and Margaret,	Bridgewater,	Boston.
"	31,	Marianne Basler,	Philip and Rosa,	Germany,	Germany.
Sept.	1,	Marie Gilli,	John and Abena,	Italy,	Italy.
"	8,	Heusten Collingwood,	James A. and Natalie H.,	Plymouth,	Boston.
"	11,	Percival Francis Raymond,	Charles A. and Alice W.,	Plymouth,	Plymouth.
"	16,	Walter Edward Carr,	Andrew J. and Mary,	Plymouth,	Plymouth.
"	18,	Aurore Denomme,	Edward and Zoe,	Canada,	Canada.
"	30,	Alfred Clifton Christie,	Alexander and Flora C.,	Nova Scotia,	Plymouth.
Oct.	7,	Mabel Frances Bartlett,	Ephraim D. and Hattie R.,	Plymouth,	Plymouth.
"	10,	George Peter Wolf,	John and Ellen,	Germany,	Boston.
"	11,	Arthur Keene Finney,	Clark and Abnette C.,	Plymouth,	Sandwich.
"	12,	Rose Ann Clough,	Michael and Mary A.,	Boston,	Saco, Me.
"	12,	Thomas R. Heath,	Michael P. and Josephine,	Plymouth,	Nova Scotia.
"	13,	Effie H. Ritchie,	Albert M. and Rosa L.,	Boston,	Lynnfield.
"	13,	Rudolph Rudolph,	Charles and Lena,	Germany,	Germany.
"	15,	Mary Alice Raymond,	Charles W. and Alice N.,	Plymouth,	Boston.
"	16,	— Courtney,	John W. and Dorcas O.,	Plymouth,	Nova Scotia.
"	18,	Lillie May Cash,	Ensign S. and Olive,	Yarmouth,	West Dennis.
"	18,	Frances M. Grady,	Thomas and Emma J.,	Massachusetts,	Nova Scotia.
"	18,	Blanche Clark Briggs,	Arthur L. and Ida F.,	Plymouth,	Amesbury.
"	30,	Elmer B. Sampson,	Stillman R. and Susan C.,	Plymouth,	Rochester.
Nov.	1,	Gertrude W. Lewis,	William W. and Hattie M.,	Rockville, Conn.,	Plymouth.
"	5,	Harry Gardner Roberts,	Frank W. and Sarah,	Great Falls, N. H.,	Potter Hill, R. I.
"	8,	John Metz,	Joseph and Mary,	Germany,	Germany.
"	16,	Charlotte Newhall,	John W. and Delia A.,	Plymouth,	Plymouth.
"	20,	Marie Louise Johnson,	Charles L. and Amelia,	Sweden,	Norway.
"	25,	Ellsworth L. Nightingale,	Lorenzo L. and Minnie,	Plymouth,	Falmouth.
"	26,	Milton K. Ellis,	Frank W. and Mercy C.,	Plymouth,	Dennisport.
"	27,	James L. Paine,	Frank E. and Julia M.	Halifax,	New York City.
Dec.	4,	Peter John Ketterle,	Peter and Gertrude,	Germany,	Germany.
"	6,	Lena Schneider,	Peter and Lizzie,	Germany,	Germany.
"	6,	Minnie Schneider,	Peter and Lizzie,	Germany,	Germany.
"	7,	Chester S. Woodman,	Frank J. and Maria L.,	Medway,	Norfolk.

# Births Registered in Plymouth in 1888—Continued.

DATE.	NAMES.	BIRTHPLACE OF PARENTS.		
		NAMES OF PARENTS.	FATHER.	MOTHER.
1888.				
Dec. 8,	Alfred F. Simmons,	John T. and Lottie,	Duxbury,	Boston.
" 12,	Mario Sandella,	Paul and Joanna.	Italy.	Italy.
" 14,	Philip Winslow Hobart,	George B. and Mabel,	Whitman,	East Bridgewater.
" 14,	Margaret Ann Keough,	Daniel J. and Kate,	Ireland.	Ireland.
" 15,	Ada Peterson,	William H. and Addie F.,	Plymouth,	Plymouth.
" 15,	Ida Peterson,	William H. and Addie F.,	Plymouth,	Plymouth.
" 16,	Charles F. Walker,	Benjamin F. and Mary A.,	Wisconsin.	Plymouth.
" 16,	Lena Wischel,	Henry and Lena,	Germany.	Germany.
" 17,	Augusta McNeil,	James and Mary,	Scotland,	Milford.
" 18,	Florence Gertrude Ryder,	Herbert M. and Jennie G.,	Melrose,	Plymouth.
" 22,	Hester Sherman,	Elmer E. and Helen S.,	Boston,	Norfolk.
" 29,	Frank Lester Holbrook,	Gideon and Sarah T.,	Boston,	Plymouth.
" 30,	Florence May Frances Atwood,	Charles W. and Emma L.,	Carver,	Plymouth.
" 30,	— Sherman,	Charles W. and Jessie M.,	Plymouth.	Nova Scotia.



## Deaths Registered in Plymouth in 1888.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1888.						
Jan. 7,	James Forbes Hyde,	64	5	14	Bright's Disease,	Dyer and Catharine.
" 13,	Temperance P. Simmons,	76	3	—	Cancer of Liver,	Leonard and Cynthia Chase.
(Probably.)						
Jan. 15,	Nathan Churchill,	76	—	—	Natural Causes, (Found Dead.)	Nathan and Elizabeth. [Dorchester.
" 15,	Deborah Dearborn,	73	—	—	Paralysis,	William and Pella Davie. Died in
" 17,	Elizabeth Barnes,	64	—	7	Asthma,	Robert and Elizabeth Ishmael.
" 22,	Joseph Allen Reed,	65	5	24	Heart Disease,	James and Sally.
" 23,	John Swift,	55	—	—	Pneumonia,	Isaac C. Died in Boston.
" 30,	Naacy Mahuren.	70	—	—	Heart Disease,	John Pierce.
" 31,	William Silveria,	—	3	4	Asphyxia,	
Feb. 1,	George W. Holmes,	70	—	9	Pneumonia,	Amasa and Betsey.
" 3,	Alice Mabel Williams,	—	1	6	Convulsions,	George H. and Margaret.
" 7,	Jane E. Witten,	50	4	9	Congestion of Lungs,	William and Jane Stephens. [Stoughton.
" 7,	Lydia Nickerson,	89	4	22	Recorded in Stoughton,	Jacob and Sarah Howland. Died in
" 12,	Elena Alice Ybarra,	—	10	20	Pneumonia,	Alejandro & Ellen. Died in Roxbury.
" 15,	Margaret Wilheuf,	74	3	2	Old Age,	Jacob and Maria Konrad.
" 18,	Mary Ann Savoy,	1	1	1	Phthisis,	Nicholas and Margaret.
" 18,	Penelope R. Holmes,	63	2	—	Heart Disease,	Henry and Mary Swift.
" 20,	James Emery Dodge,	59	2	28	Inflammation of Bowels,	Cheney and Sally A.
" 25,	Annie William Raymond,	23	1	29	Meningitis,	Jonathan B. and Olive W. Perkins.
" 26,	Sarah T. Danforth,	66	4	26	Inflammation of Lungs,	Daniel and Elizabeth M. Jackson.

## Deaths Registered in Plymouth in 1888—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1888.						
March 1,	Mary Sampson,	—	2	17	Recorded in Kingston,	[in Kingston.
" 5,	Harriet B. Morton,	77	5	—	Heart Disease,	Seavy and Nannie J. Sampson. Died
" 6,	Charles B. Rice,	76	9	1	Paralysis of Heart,	Nathan and Euphemia Holmes. Died
" 9,	Anna H. Dunham,	82	3	20	Paralysis of Heart,	William and Charlotte. [in Everett.
" 10,	Prince Snow,	90	1	10	Old Age,	Josiah and Rhoda Vaughn. Died in
" 10,	Louisa A. Armstrong,	59	1	7	Apoplexy,	Prince and Martha. [Cambridge.
" 11,	George Fisher,	61	10	23	Chronic Bronchitis,	Jeremiah and Nancy H. Cost. Died
" 11,	Sarah Morton Holmes,	82	5	5	Old Age,	David and Ellen. [in Lynn.
" 12,	Adourim J. Raymond,	72	1	24	Uraemia,	Thomas and Eunice. [in Kingston.
" 12,	Catharine Frances Devine,	29	1	7	Recorded in Kingston,	John and Elizabeth O'Brien. Died
" 13,	Adelaide Victoria Atwood,	34	10	13	Phthisical Ulceration of Larynx	Columbus and Mary A. King.
" 14,	Ruth Holmes,	—	8	14	Intestinal Obstruction,	Solomon M. and Rebecca F.
" 14,	Betsey W. Barnes,	80	2	6	Pneumonia,	William and Betsey Tribble.
" 19,	Frederick W. Burgess,	—	—	23	Heart Disease,	Vinal F. and Carrie R.
" 21,	Susie P. Goodwin,	26	—	—	Phthisis,	Ezra S. and Susan S. Died in Brook-
" 23,	Ellen H. Sampson,	1	3	2	Capillary Bronchitis,	Stillman R. and Susan C. [lyn, N.Y.
" 24,	John Edwards Bartlett,	52	1	15	Typhoid Fever,	John and Caroline.
" 24,	James R. Keiran,	2	7	12	Recorded in Naugatuck,	Stephen and Elizabeth J. Died in
" 26,	Abijah Drew,	85	1	20	Pneumonia,	Abijah & Betsey. [Naugatuck, Conn.
" 28,	Mary N. Bartlett,	64	3	29	Typhoid Pneumonia,	John and Caroline.
" 31,	Philip Lamond,	62	—	3	Atrophy of Liver,	[Kingston.
April 3,	Olive Rone Lanman,	61	8	25	Disease of Heart,	Solomon and Olivia Goss. Died in
" 4,	James Morrison,	35	2	6	Pleuro-Pneumonitis,	John and Margaret. [Brooklyn, N.Y.
" 7,	Charles H. Wood,	21	4	7	Phthisis,	Lemuel H. and Harriet E. Died in
" 7,	Mary Isabel Morse,	—	9	—	Capillary Bronchitis,	Edward K. and Hannah I.
" 8,	Winslow Standish Bradford	—	4	5	Spina Bifida,	Louis K. and Myra W.
" 8,	Bridget McKeon,	68	10	—	Cancer,	Patrick and Mary.

April	18,	Phoebe L. Benson,	83	4	27	Old Age,	Nehemiah and Olive.
"	23,	Louisa F. Mignault,	38	—	—	Phthisis,	John C. & Roxanna L. Peterson, [in Boston. Died
"	26,	Nathaniel Wood.	73	5	1	Apoplexy,	Nathaniel and Rhoda.
"	26,	Mary Elizabeth Dunham,	19	4	14	Phthisis Pulmonalis,	William C. and Elizabeth.
"	27,	Martin Larsen,	28	5	8	Pulmonary Hemorrhage,	Andrew and Ellen.
"	28,*	William Manter,	85	—	16	Paralysis,	Belcher and Sarah.
"	29,	James Dimau,	82	4	26	Old Age,	Jostah and Sophia.
"	30,	Robert Bartlett Barker,	—	2	4	Marasmus,	George G. and Anna W. [Mington, Del.
May	3,	Almira H. Hosmer,	82	7	12	Typhoid Pneumonia,	Asa and Huldah Kingsbury.
"	3,	Bridget McNamara,	76	3	12	Old Age,	Patrick and Mary Carney.
"	5,	Katharine Stephens.	45	4	12	Cancer of Breast,	George and Elizabeth Braunecker.
"	9,	Nancy Battles,	75	7	2	Cancer of Face,	Ichabod and Patience Harlow.
"	10,	Henry Weston,	77	4	17	Erysipelas,	Benjamin and Joanna.
"	10,	Almira H. Churchill,	63	—	17	Paralysis,	Micah and Nancy Holmes.
"	10,	Sarah C. Bartlett,	70	4	18	Heart Failure,	Daniel and Content Soule.
"	15,	Patrick Leonard.	48	—	—	Cancer of Face,	Edward and Mary.
"	15,	Lucy Florence Winsor,	1	4	4	Blood Poison,	Edward and Emma (r.
"	17,	Thomas Holsgrove,	50	2	19	Pleuro-Pneumonia,	William and Louisa.
"	18,	Grace Marston Hathaway,	3	2	18	Tubercular Meningitis,	William C. and Ada F.
"	21,	Ruth Tolman Harris,	16	7	28	Tubercular Meningitis,	Christopher T. and Miranda B.
"	26,	Susan S. Weston,	68	7	9	Fatty Heart,	Richard and Lydia Bagnell.
"	28,	Isaac H. Pluce,	67	11	22	Cancer,	Henry and Charlotte. Died in Chelsea.
"	30,	Frank Houston,	34	8	15	Syncope,	Died in Malden.
June	5,	George Allen,	82	4	3	Cerebral Apoplexy,	John and Maria.
"	6,	Herbert G. Sampson,	1	2	6	Heart Disease,	Christopher D. and Lucy B.
"	11,	Joseph E. Grinnell.	43	2	24	Laryngeal Phthisis,	[Kingston. Died in
"	12,	Ellen F. Nightingale,	28	4	7	Recorded in Kingston,	Patrick and Nancy Smith. Died in
"	12,*	Thomas H. Raymond.	70	11	6	Paralysis,	Caleb and Lydia.
"	13,	George A. Simmons,	59	6	—	Heart Disease.	George and Fannie F. Died in Chelsea
"	13,*	Ophelia A. Badger,	51	4	14	Disease of Heart and Kidneys,	Joshua and Betsey Bessee.
"	15,	Mary W. Barnes,	81	9	15	Apoplexy,	Eben and Martha Woodward.
"	25,	Lois H. Swift,	75	3	—	Paralytic Stroke,	Amel Wood.
"	28,	Betsey Thomas Atwood.	66	8	—	Gastro-Enteritis,	Samuel and Content Lannan.
"	29,	Charles Henry Denny,	59	5	—	Diabetes Mellitus,	Charles H. and Nancy. [in Malden.
"	29,	Betsey E. Finney,	80	10	11	Paralysis,	Jeremiah and Lydia Hackett. Died

## Deaths Registered in Plymouth in 1888—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1888.						
July 2,	George Edwin DeLuce,	63	—	8	Bright's Disease,	John and Abigail.
" 8,	Mercy H. Morrison,	49	11	—	Apoplexy,	Samuel and Mercy C. Elliott.
" 9,	Edna C. Peterson,	2	2	6	Cholera Infantum,	Frank R. and Lucy T.
" 20,	Caleb C. Bradford,	76	11	5	Heart Disease,	Nathaniel and Sarah.
" 23,	Josiah F. Whiting,	56	6	9	Bright's Disease,	Benjamin and Susan L.
" 30,	Paulina Forstmeyer,	35	4	—	Congestion of Lungs,	Antone and Eva Barker.
August 6,	Betsey A. Green,	43	2	14	Consumption,	Thomas and Sophronia Jackson.
" 6,	Bessie H. Loring,	21	9	—	Marasmus,	Ezra H. and Margaret N. Leach.
" 8,	Theodore M. Cox,	1	—	6	Meningitis,	Winslow W. and Fannie S.
" 12,	William E. McDowell,	18	1	29	Pulmonary Tuberculosis,	John and Mary.
" 12,	Dora Tassinari,	—	2	4	Cholera Infantum,	Vincent and Mary.
" 13,	Susan Hall,	75	1	4	Canceroid Cystitis,	Nicholas S. and Mehitable Bagnell.
" 13,	Andrew Pratt,	68	—	—	Consumption,	Betsey.
" 17,	Isaac Marshall Robbins,	62	—	8	Heart Disease,	Isaac and Eliza.
" 19,	William Lester Munroe,	13	11	16	Internal Hemorrhage,	William F. and Sarah J.
" 24,	Janette Farley Osgood,	45	2	12	Cancer,	James P. and Chloe Farley.
" 24,	Ethel May Collingwood,	—	9	13	Cholera Infantum,	William and Lottie May.
" 30,	Harry E. Kostner,	4	6	11	Fits,	Charles and Lizzie R.
" 30,	Susie Warren Churchhill,	16	—	28	Typhoid Fever,	William K. and Sarah A. E.
" 31,	Rosa Tassinari,	—	2	23	Feeble from Birth,	Vincent and Mary.
Sept. 2,	Francis D. Cushman,	46	1	29	Bright's Disease,	Asa and Lydia.
" 4,	Thomas Rogan,	62	3	14	Ulceration of Stomach,	John and Margaret.
" 8,	Clarence M. Briggs,	1	4	—	Cholera Infantum,	Laban and Ella S.
" 12,	Adoniram C. Raymond,	—	10	16	Diarrhœa,	Andrew L. and Flora A.
" 13,	Betsey Morton,	86	4	13	Apoplexy,	Ephraim and Sarah Eyerson.
" 13,	Nathaniel Holmes,	83	—	3	Old Age,	Nathaniel and Ruth.
" 24,	John Murphy,	25	—	—	Found dead in woods,	Patrick J. and Joanna.

Sept, 25,	Louisa F. Swift,	55	—	—	—	Inflammation of Bowels,	John and Rebecca Sampson.
" 25,	Hattie G. Kostner,	—	10	8	—	Diarrhoea,	Charles and Lizzie R.
" 25,	Ethel May Swift,	2	2	19	—	Marasmus,	Frank and Cora. Died in Charlestown.
" 25,	Cynthia Holmes,	71	1	9	—	Recorded in Westport,	Calvin and Cynthia. Died in Westport.
" 26,	Marcia T. Hubbard,	47	9	—	—	Cancer,	Thomas N. and Mercy T. Bartlett.
" 27,	George F. Henderson,	1	7	29	—	Congestion of Brain,	Frank and Julia J.
Oct. 4,	Charles Goodspeed,	84	4	12	—	Heart Failure,	Charles and Diadema.
" 5,	Sarah S. Seymour,	34	4	27	—	Meningitis,	John B. S. and Sarah H. Hadaway.
" 9,	Hattie Washburn,	28	4	—	—	Tubercular Meningitis,	James and Almira Sears.
" 11,	Mary Ann Sylvester,	82	—	19	—	Pneumonia,	Samuel and Deborah Alexander.
" 11,	Elizabeth M. Streeter,	75	9	10	—	Fracture,	Daniel & Elizabeth M. Jackson. Died
" 12,	Charles G. Buck,	15	6	18	—	Typhoid Fever,	George H. and Aurelia E. [in Danvers.
" 15,	John F. Hoyt,	77	7	12	—	Heart Disease,	Moses and Betsey.
" 17,	John Marshall Williams,	—	6	16	—	Intestinal Catarrh,	Edward A. and Elizabeth A.
" 20,	William A. Steere, alias Loveland,	70	7	3	—	Chronic Inflammation of Liver,	Arnold and Dinah.
" 26,	Catharine Turner Harlow,	69	4	26	—	Tumor of Bowels,	Thomas and Ella Daufels.
" 26,	Jane Mawbey,	73	—	—	—	Old Age,	Charles and Rebecca Lucas.
" 27,	Warren B. Swift,	55	6	—	—	Bronchitis and Anaemia,	Nathaniel and Lucy.
" 28,	Eliza Gardner,	69	—	—	—	Phthisis,	Charles and Abby.
" 29,	George William Bassett,	30	6	3	—	Heart Failure,	Thomas and Ellen Venson.
Nov. 1,	John Morrison,	75	10	7	—	Apoplexy,	John and Elizabeth.
" 5,	William H. Saunders,	1	2	12	—	Hemorrhoea,	Horace M. and Catharine.
" 8,	Hugh McAuley,	21	6	—	—	Pneumonia,	John and Maggie.
" 12,	Eliza Kempton,	88	1	23	—	Old Age,	Zaccheus.
" 14,	Martha LeBaron Goddard,	59	—	—	—	Apoplexy,	Isaac and Mary LeBaron. Died in
" 19,*	Addie B. Stuart,	43	3	10	—	Gastritis,	Stephen and Eliza Gurney.
" 20,	Eliza D. Tufts,	77	3	9	—	Apoplexy,	Rufus and Lucy Dodge.
" 20,	Hannah Frances Smith,	—	—	23	—	Recorded in Kingston,	Philip and Hannah. Died in Kingston.
" 23,	Stephen Lucas,	88	11	18	—	Old Age,	Samuel and Jemima.
" 24,	Catharine Garvey,	16	11	—	—	Phthisis Pulmonalis,	John and Maria.
" 29,	William Sumner Pratt,	10	—	17	—	Leucocythaemia,	William S. and Sarah J.
" 30,	Charles Bartlett Irish,	88	4	7	—	Paralysis of Brain,	Sanford and Hannah.
" 30,	Lydia Harlow,	99	10	8	—	Old Age,	Nathaniel and Jane Ellis,



## Deaths Registered in Plymouth in 1888—Continued.

DATE.	NAMES.	AGE.			CAUSE OF DEATH.	NAMES OF PARENTS, ETC.
		Years.	Months.	Days.		
1888.						
Dec. 2	Edward Doten.	86	2	1	Old Age,	Edward and Esther. [Abington.
" 4	Charles Goodspeed,	30	2	1	Unknown, (Found Dead.)	Henry C. and Sarah R. Died in No.
" 8	William H. McLaughlin,	36	8	1	Intussusception,	James and Mary. Died in Avon.
" 11	Thomas Bassett,	80	1	6	Old Age,	Thomas and Nancy.
" 13	Ellis D. Barnes,	57	5	14	Cancer of Face,	William and Phebe. Died in Chel-
" 14	Thomas N. Bartlett,	82	8	12	Catarrh of Bladder,	Stephen and Mary. [sea.
" 14	Ann Selah,	72	—	—	Heart Failure,	Peter and Elizabeth Tyson,
" 14	Pella F. Whiting,	70	1	14	Found dead in bed,	Nathan and Experience, [Charlestown
" 14	Hannah B. White,	76	4	—	Old Age,	Isaac and Anna Bartlett. Died in
" 16	Sarah E. Wood,	49	6	16	Valvular Disease of Heart,	Sylvanus and Eliza S. Harvey. Died in Taunton.
" 16	Sylvanus S. Paulding,*	76	—	—	Old Age,	William & Eunice. Died in Boston.
" 17	Ivory L. Harlow,	79	4	13	Tubercular Meningitis,	Ivory and Lucy.
" 17	Francis F. McHenry,	3	6	28	Catarrh of Bladder,	Mannie F. and Jennie B.
" 17	Alma May Butler,	9	2	—	Peritonitis,	John S. and Mary D.
" 17	Ada Peterson,	—	—	1 <sup>1</sup> / <sub>2</sub>	Premature,	William H. and Addie F.
" 18	Abbie A. Robinson,	68	11	—	Pneumonia,	William H. and Addie F.
" 19	Ida V. Peterson,	—	—	4	Premature,	Ephraim and Mary E. Died in Bel-
" 20	James Walter Spooner,	57	4	17	Bright's Disease,	[mont.
" 26	James Swanton,	75	—	—	Bronchitis,	Michael and Mary Quinlan.
" 28	Sarah J. Heath,	51	3	—	Dropsy,	Nathaniel and Lydia Goodwin. Died
" 29	Lydia C. Hedge,	88	4	6	Catarrhal Bronchitis,	John and Maria. [in Boston.
" 30	Mary Garvey,	15	2	17	Phthisis Pulmonalis,	Samuel and Rebecca Doten.
" 31	Rebecca H. Talbot.	74	10	5	Old Age,	



## SUMMARY.

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The following are the statistics of births, marriages and deaths registered in Plymouth for the year ending December 31, 1888 :

### Births.

Number of births registered in 1888 .....	124
Females .....	64
Males .....	60
The parentage of the children is as follows :	
Both parents American .....	75
Both parents born in Germany .....	12
"        "        British Provinces .....	8
"        "        Italy .....	6
"        "        Ireland .....	1
"        "        Western Islands .....	1
Mixed, one American .....	16
Mixed, other nationalities .....	4
Unknown .....	1

### Marriages.

Number of marriages registered in 1888 .....	74
Both parties born in United States .....	54
"        "        Germany .....	6
"        "        British Provinces .....	3
"        "        Ireland .....	2
"        "        Italy .....	1
Mixed, one American .....	7
Mixed, other nationalities .....	1

### Deaths.

Number of deaths registered in Plymouth in 1888, 168,—34  
of which occurred out of town, burial taking place in Plymouth.

Females .....	92
Males .....	76
Born in United States .....	151
"    Ireland .....	6
"    British Provinces .....	3
"    Scotland .....	2
"    Germany .....	2
"    England .....	2
"    Wales .....	1
"    Norway .....	1

CURTIS DAVIE, *Town Clerk.*

## COPY OF ARTICLES IN THE WARRANT

For the Annual Town Meeting, to be held in  
Davis Hall, at 8.30 o'clock in the Fore-  
noon of Monday, March 11, 1889.

---

ARTICLE 1. To choose a Moderator.

ART. 2. To hear the report of the several Officers and Committees of the Town and act thereon.

ART. 3. To choose all necessary Town Officers for the ensuing year. The following Officers will, in accordance with a vote of the Town, and until otherwise ordered, be voted for on one ballot, to wit: Selectmen, Town Clerk, Treasurer, Auditor, Assessors, Constables, Collector of Taxes, Overseers of the Poor, Water Commissioners, School Committee, Board of Health, Committee on Agawam and Half-way Pond Fishery.

ART. 4. To revise and accept a list of jurors prepared by the Selectmen.

ART. 5. To see if the Town will authorize the Treasurer, under the direction of the Selectmen, to borrow money in anticipation of taxes, and for disbursement under the provisions of the laws relating to State aid, and to defray the expenses of the Town after January 1st, 1890.

ART. 6. To make the necessary appropriations to defray the expenses of the Town, and for other purposes, and raise such sums of money as the Town shall deem expedient.

ART. 7. To see if the Town will appropriate the sum of one hundred and fifty dollars to defray the expenses of Decoration Day.

ART. 8. Shall licenses be granted for the sale of intoxicating liquors in this Town? Vote to be by separate ballot, "Yes," or "No," in answer to the question.

ART. 9. To see what action the Town will take in aid of the Public Library.

ART. 10. To see if the Town will choose a Superintendent of Vine Hills Cemetery.

ART. 11. To see if the Town will appropriate the sum of four hundred dollars, as recommended in the report of the School Committee, for the establishment and support of an evening school.

ART. 12. To hear an act upon the report of the School Committee, together with the Board of Selectmen, concerning plans and estimates and a suitable location for a new High School-house, and make such appropriation for said school-house and

location as may be necessary to carry the action of the Town into effect.

ART. 13. To see if the Town will authorize the Selectmen to erect an electric light on the corner of Summer and Oak streets.

ART. 14. To see if the Town will authorize the Selectmen to lay out and sell lots in Chiltonville and Manomet burial grounds.

ART. 15. To see if the Town will instruct the Board of Engineers to locate a hose carriage, with five hundred feet of hose, at Chiltonville, near Hayden's factory, and make an appropriation for the same.

ART. 16. To see if the Town will accept Chapter 361 of the acts of the year 1888, entitled "An act authorizing the Town of Plymouth to establish a system of sewerage."

ART. 17. To see if the Town will establish a system of sewerage and elect some Committee or persons to carry the same into effect.

ART. 18. To see if the Town will authorize the Selectmen to issue bonds, not exceeding thirty thousand dollars, on such terms and for such time as they deem for the interest of the Town, and to provide at the time of issue of said bonds for their annual proportionate payment, as provided in said act.

ART. 19. To see if the Town will elect three persons as a Board of Park Commissioners, and prescribe their terms of office.

ART. 20. To see if the Town will appropriate the sum of one dollar to purchase about eighty acres of land near

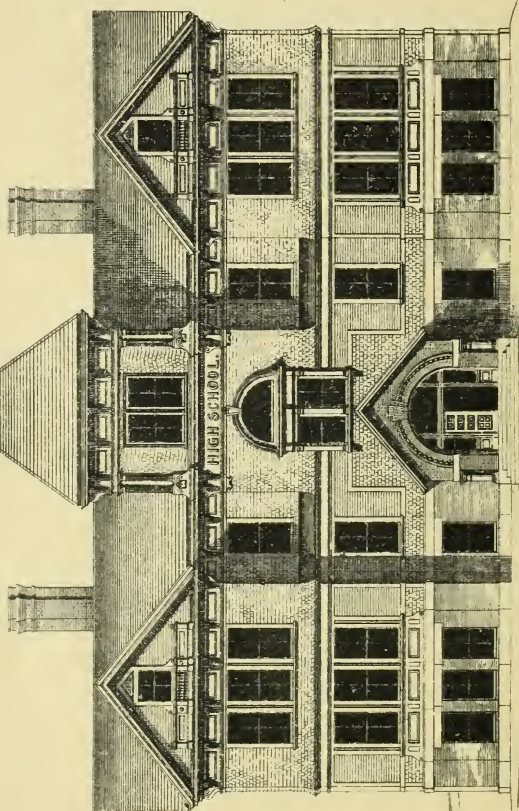
Billington Sea, being the premises conveyed by Nathaniel Morton to George R. Briggs, by deed January 31, 1889, to be held for the purpose of a public park, under Section 154, Statutes of 1888.

ART. 21. To see what action the Town will take in regard to the establishment and maintenance of an electric light plant for the purpose of lighting the streets, squares and public offices, etc., of the Town, and make the necessary appropriation therefor.



7

Nº 1.



Designed by Bryant & Mayers  
and John F. Eaton.

Boston Feb'y 1868

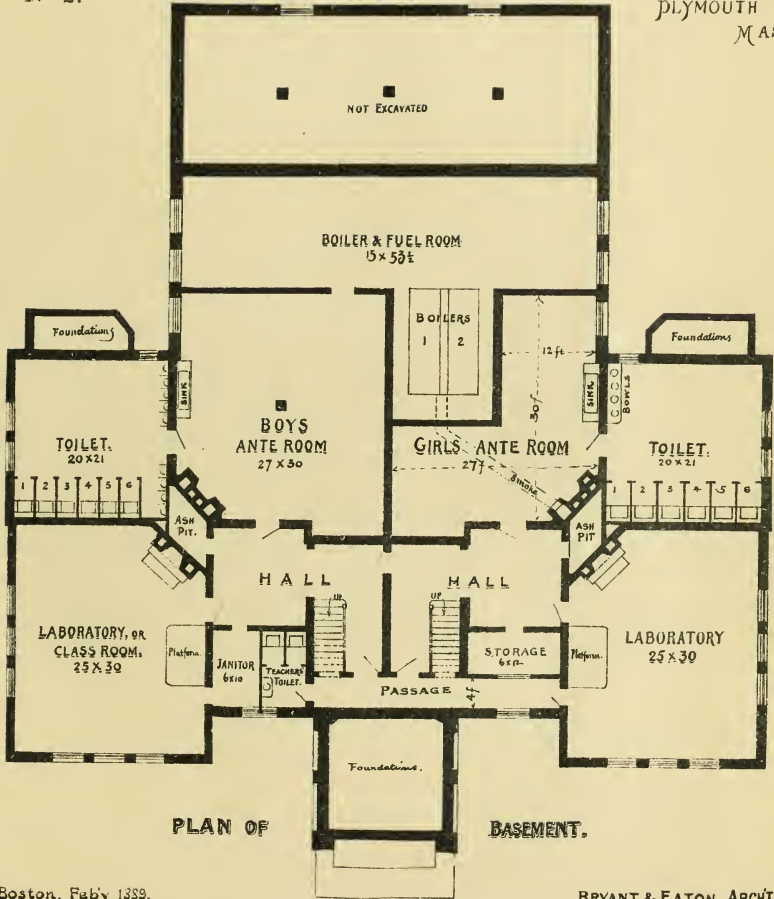
FRONT ELEVATION.

Heliotype Printing Co. Boston.

PROPOSED HIGH SCHOOL BUILDING.

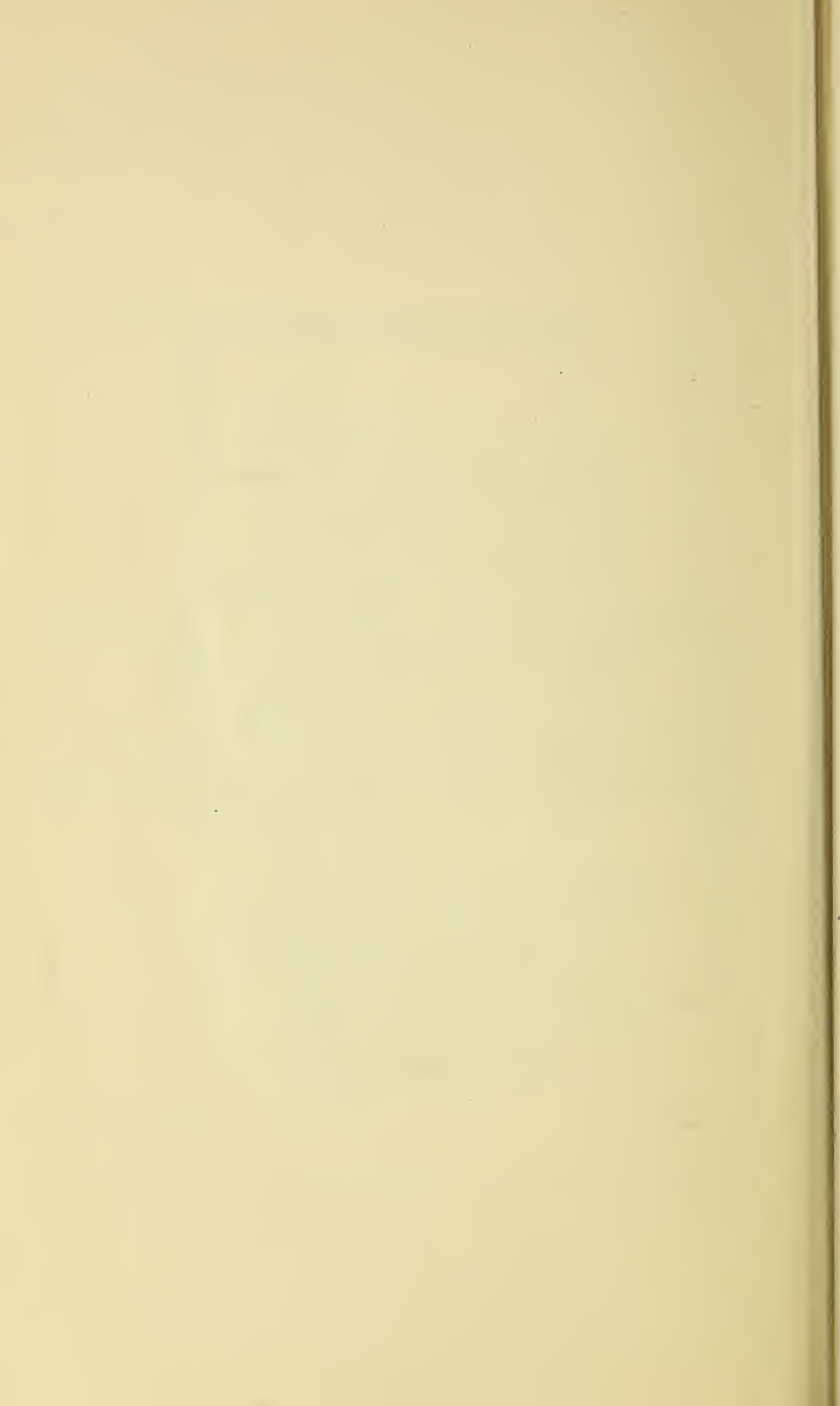
PLYMOUTH  
MASS.

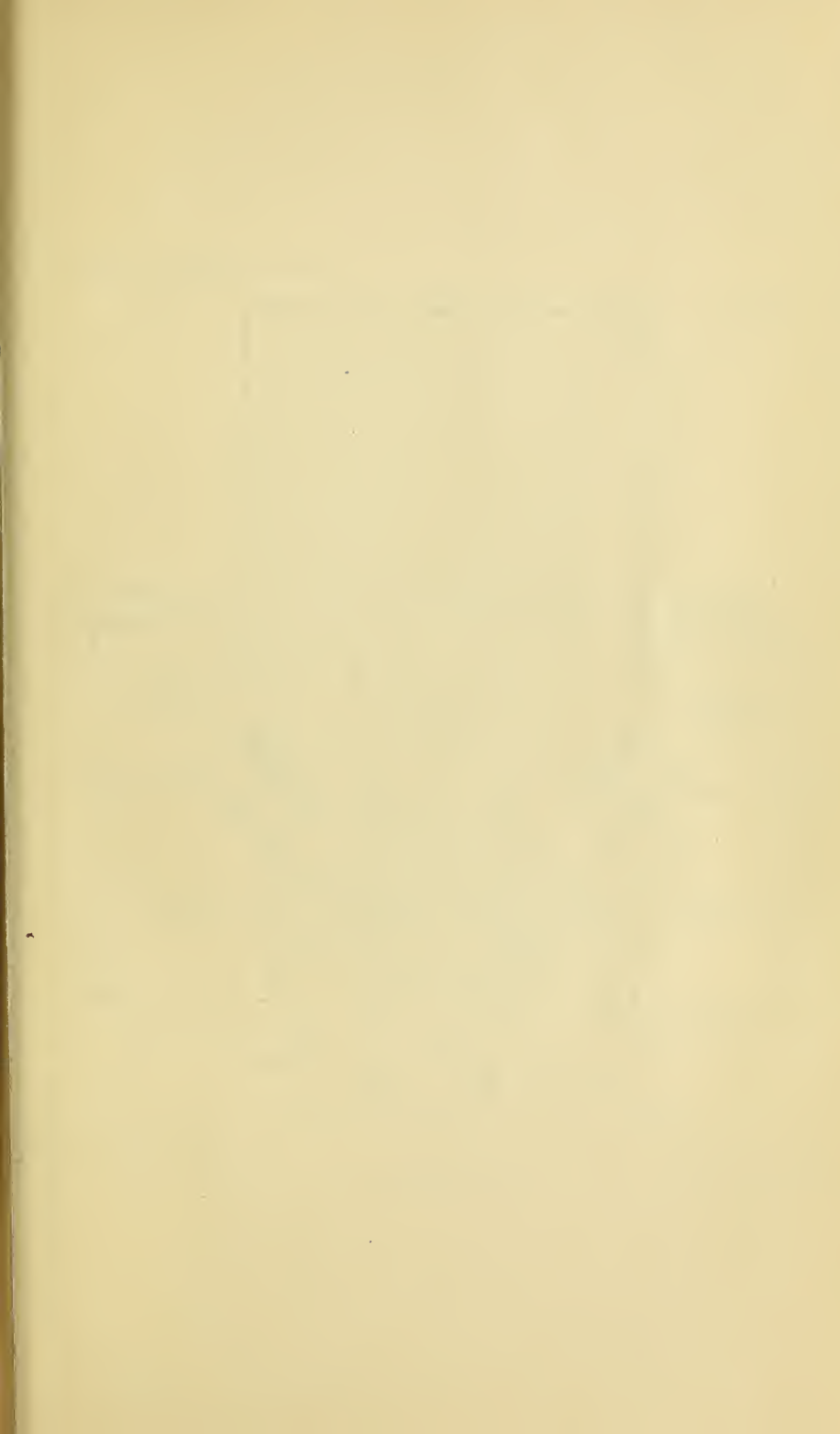
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Boston, Feb'y 1889.

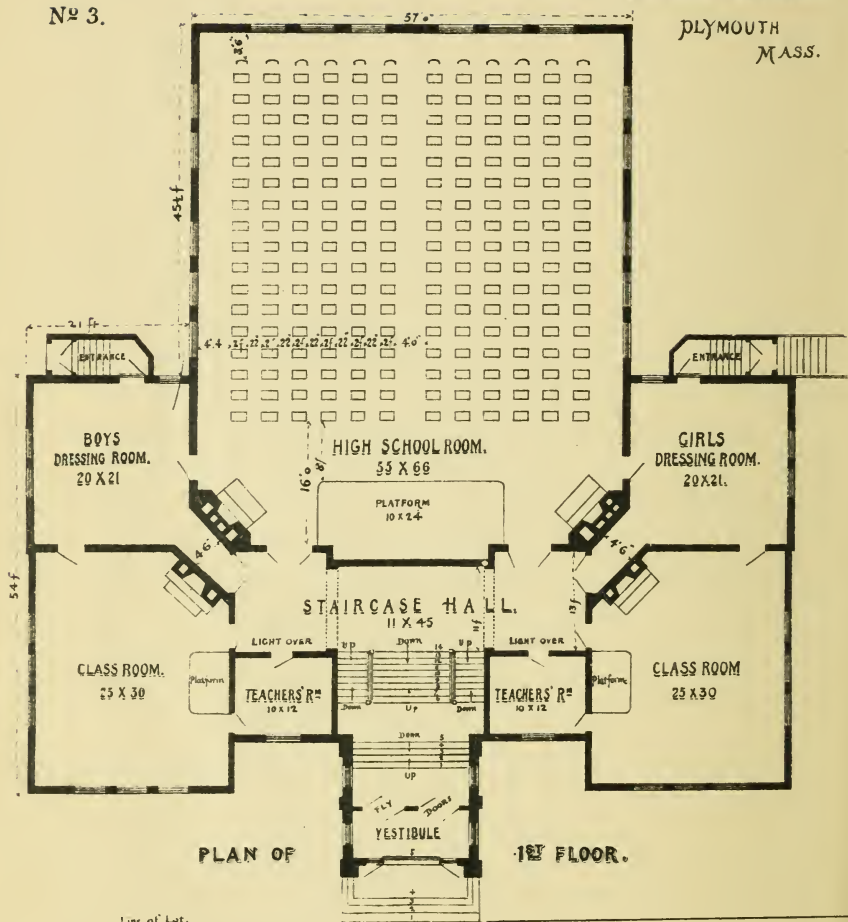
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№ 3.

PLYMOUTH  
MASS.



Boston Feb'y 1889.

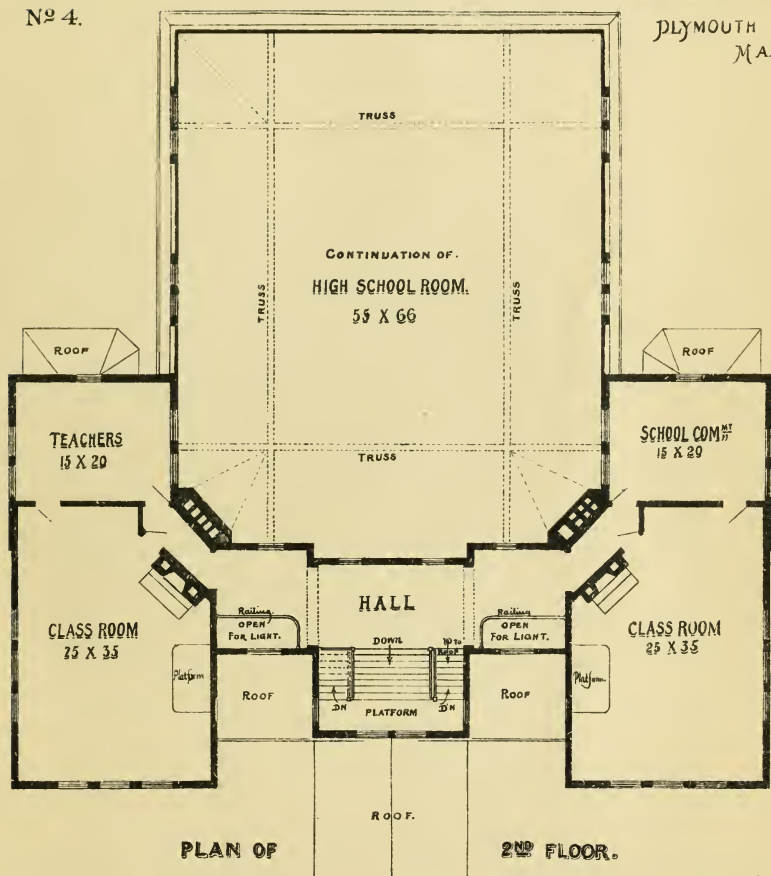
SCALE

BRYANT & EATON, ARCHTS.




Nº 4.

PLYMOUTH  
MASS.



Boston Feb'y 1889.

• SCALE •



BRYANT & EATON, ARCHTS.



## Report Concerning Plans and Location for a New High School Building.

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At the annual meeting of the Town in 1888, it was voted:—  
“That the School Committee, together with the Selectmen, be instructed to report at a future meeting of the Town, plans and estimates and a suitable location for a new High School-house.”

The Boards of School Committee, and Selectmen, acting jointly, respectfully submit the following report:

The first step taken by the Boards was to consider the various sites in the Town available for the proposed purpose, with the view of coming to a decision upon a suitable location before considering plans, the character of which would depend largely upon the site to which they must be adapted.

Six or seven estates were inspected, their environment taken into consideration, their sanitary conditions investigated; and the question was considered how far each would not only meet the requirements of a High School, but also be acceptable to the people of the Town. From an economical point of view, the Boards also kept in mind the expediency of selecting a situation which would to the least degree diminish the taxable property of the Town. After a full and thorough examination of the whole subject, the Boards, though at first divided in opinion, came unanimously to the conclusion to recommend to the Town, as a suitable location, the site of the present High School building, with the two estates separating it from Jefferson Street on the north. These estates can be secured at a cost not exceeding six thousand dollars. A refusal

of the estate on the corner of Jefferson Street, owned by Mr. Charles E. Barnes, for three thousand dollars, has been obtained, while the estate adjoining it, owned by the heirs of James Kendrick, is so held that it can only be secured under the law relating to land taken for school purposes. Six thousand dollars will certainly cover the cost of both estates. The dimensions of the entire lot are 114 feet on the front, and 130 feet on the sides.

Having agreed on a location, the Boards obtained from Bryant & Eaton, architects, of Boston, plans adapted to its size and shape, which, after some changes and modifications made both with the view of reducing the cost of the building, and of more completely meeting the requirements of the school, the Boards have unanimously voted to recommend to the Town. It has been taken for granted that it would be the wish of the Town, if a building should be erected, that it should not be devoid of reasonable architectural beauty, and that its interior arrangements should satisfy the wants, not only of to-day, but for many years to come, and be thoroughly adapted to the best management of the school. Heliotype representations of these plans accompany this report.

No. 1 represents the front elevation of a building, constructed of wood, 102 feet wide and 44 feet high up to the cornice. Each end of the building projects 6 feet beyond the face, and in the centre a vestibule 18 feet wide, built of brick, projects 20 feet, giving room for outside doors and interior swinging doors, together with five steps rising to a landing, from which nine steps more lead to the first floor. The basement above the stone foundation is of brick, with stone window caps and sills. The front above the basement shows a combination of shingles and clapboards, the dotted marks representing the former and the horizontal lines the latter. Four steps on the outside lead to the floor of the vestibule, from which the sill of the outer door rises. The extreme depth of the building, including the school-room in the rear, which may be seen in plan No. 3, and also including the vestibule and front steps, is 120 feet.

No. 2 represents the basement floor, three feet below the level of the ground at the front, with walls  $11\frac{1}{2}$  feet in the clear. On this floor, which is to be concreted throughout, are two laboratories—one in each corner—25 feet by 30 each; one lavatory on the south for boys and one on the north for girls, each with six water closets, the former with six urinals, and each 19 feet by 20. Besides these there is a play room adjoining the boys' lavatory, 27 feet by 30; a boiler room with two boilers; a janitor's room and a teacher's lavatory, containing two water closets. Each laboratory has a fireplace in the central corner. Some expense is saved by omitting the excavation for a cellar under the extreme rear of the school-room.

No. 3 represents the first floor, which is reached by the flight of nine steps already referred to in the central hall, on each side of which is a flight leading to the basement. The width of the hall is 18 feet, and the width of the crosswise hall, from which doors open into the school-room, is, at its narrowest point where the recess for the teacher's platform encroaches on it, 10 feet. On this floor are two class rooms, 25 feet by 30, and 12 feet high in the clear, in the central corner of each of which is a fireplace. There are also two dressing rooms,  $19\frac{1}{2}$  feet by 20, in the rear of the class rooms, accessible directly from the school-room and the hall; and two teachers' rooms, each 10 feet by 12. The school-room is on the level of this floor, and is thus brought above the ground, which has a considerable rise from front to rear. This room is 66 feet deep and 55 feet wide, and has a teacher's platform 10 feet deep and 20 feet long, with a space between the platform and the front row of desks, 6 feet wide. The floor space can accommodate two hundred and four single desks in twelve rows, with seventeen in each row, the rows being 22 inches apart, with a central aisle 4 feet wide; side aisles next the walls 4 feet, 4 inches wide; and a rear aisle 4 feet, 6 inches wide. A fireplace at each central corner enters the chimney, which is entered by the fireplace of the corresponding class room. The walls are to be ceiled to a height of 3 feet from the floor, and above the ceiling are blackboards  $4\frac{1}{2}$  feet

in width. There are five windows on each side, six in the rear, and two on each side in the slope of the roof, into which the room extends, with two open timber trusses running across and interlacing each other. If desired, a gallery can be introduced over the platform opening from the second floor; but such a feature is not included in the specifications and estimates. The height of the room is 25 feet on the sides and 34 feet in the centre. In the angle of the projection of the main building beyond the school-room, on each side, is an outside door,—one on Franklin Street and the other on Jefferson Street, opening into the dressing rooms, which in cold weather can be exclusively used, while the front door, with a northern exposure, can be closed.

No. 4 represents the second floor, with two class rooms 25 feet by 34; a teacher's room and School Committee room on the south and north, in the rear of the class rooms, each 16 feet by 19½. Here also are fireplaces in the central corners of the rooms. The height of this story is 13 feet in the clear, and the floor is reached by two return flights of steps, one on each side of the main central flight in the main hall.

The specifications for such a building as is here described have been carefully prepared, calling for the best material and work, including plumbing, drains, steam heating apparatus of the most approved quality, a satisfactory system of ventilation, and everything, except furniture, needed for a first class High School building, and have been submitted to a competent mechanic for examination, from whom estimates have been obtained. The Boards are warranted in saying to the Town that the sum of \$30,000 will, in their judgment, cover the cost of the building.

The Boards have obtained from the architects other estimates varying with the material and method of construction. For a building with the first story of the main building in brick, with stone window caps and sills, as in the basement, and the rear school-room in wood, the estimated cost is \$39,000; for a main building constructed entirely of brick, with stone window caps and



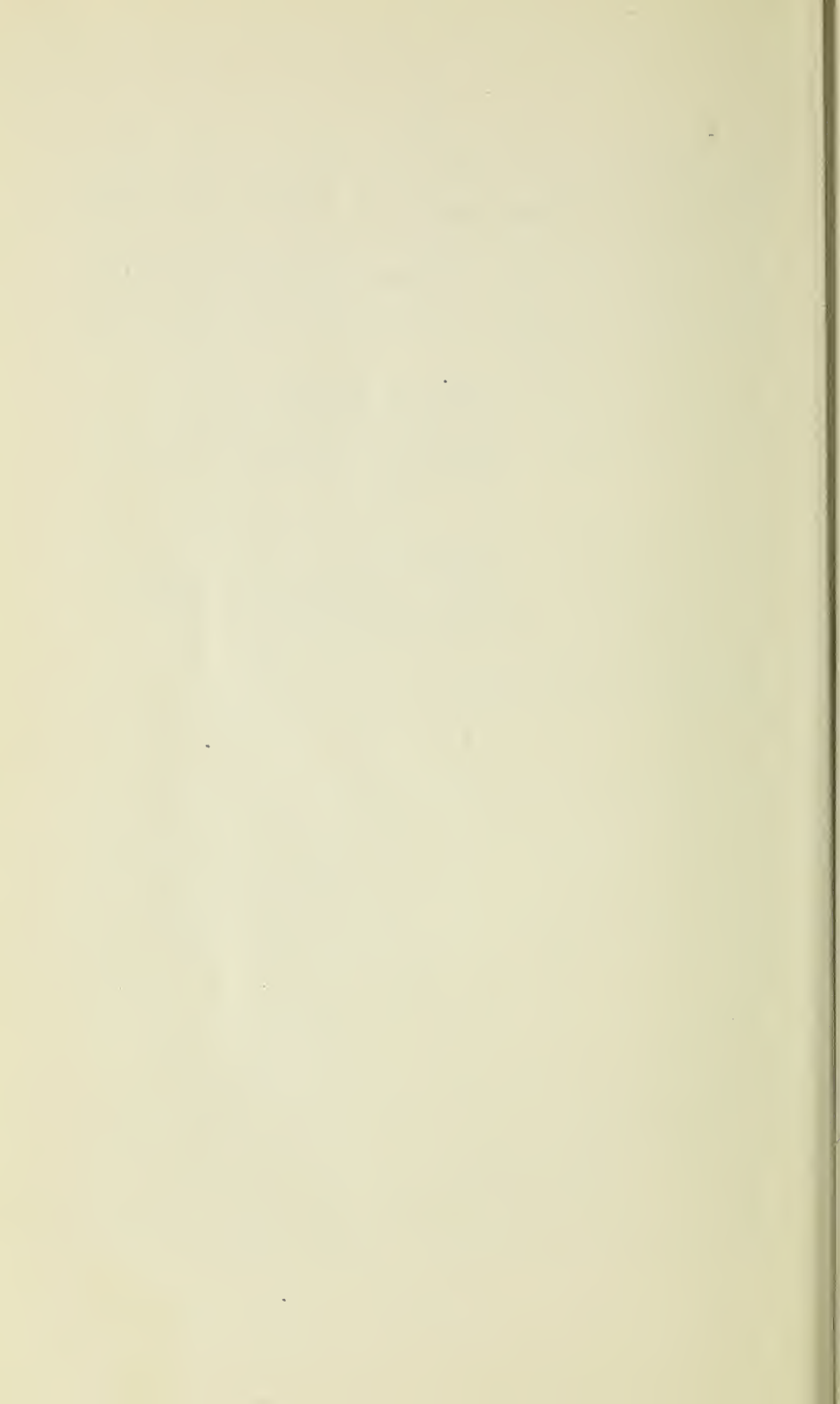
sills, and the rear of wood, \$40,500; for an entire brick building, including the rear building, \$42,300.

In conclusion, the Boards beg leave to say that in the performance of their duties, they have endeavored to faithfully carry out their instructions, and they respectfully submit their report to the consideration of the Town.

WILLIAM H. NELSON,	}	<i>Selectmen.</i>
WILLIAM T. DAVIS,		
LEAVITT T. ROBBINS,		
EVERETT F. SHERMAN,		
JOHN CHURCHILL.		

WILLIAM T. DAVIS,	}	<i>School Committee.</i>
JAMES MILLAR,		
CHARLES I. LITCHFIELD,		
ELIZABETH THURBER,		
CHARLES O. CHURCHILL.		

PLYMOUTH, February 5, 1889.



ANNUAL REPORT

—OF THE—

SCHOOL COMMITTEE

—AND—

SUPERINTENDENT OF SCHOOLS

—OF THE—

TOWN OF PLYMOUTH

—FOR—

1888.

## SCHOOL COMMITTEE.

---

	TERM EXPIRES.
WILLIAM T. DAVIS, . . . .	1891
CHARLES O. CHURCHILL, . . . .	1890
ELIZABETH THURBER, . . . .	1890
JAMES MILLAR, . . . .	1889
CHARLES I. LITCHFIELD, . . . .	1889

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CHAIRMAN *pro tem.*,—WM. T. DAVIS.

SECRETARY—ELIZABETH THURBER.

SUPERINTENDENT OF SCHOOLS—CHARLES BURTON.

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At the annual meeting elections must be held for two members of the Committee for three years, and one for the unexpired term, of two years, of Frederick N. Knapp deceased.

## REPORT OF THE SCHOOL COMMITTEE.

---

The School Committee respectfully submit their annual report for the year ending December 31, 1888.

At the annual meeting of the Town, in 1888, appropriations were made:—

For—

Support of schools, books and supplies. . . .	\$23,800 00
Enlargement of the Grammar School-house at Chiltonville, and the Sub-Primary school-house on Oak Street. . . . .	1,000 00

In addition to the above the School Department has been credited during the year with the following items:—

Undrawn balance of 1887 . . . . .	887 95
School fund, income from the State. . . . .	82 88
One-half of fence. . . . .	17 40
Income of the Murdock fund. . . . .	18 25

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Total credits. . . . .	\$25,806 48
The amount of bills paid during the year, has been. . . . .	25,943 65

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Leaving a deficiency of. . . . .	\$137 17
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The classified expenses have been as follows :—

For—

Salaries of teachers . . . . .	\$16,832 50
Books and supplies . . . . .	1,505 36
Fuel . . . . .	1,137 12
Janitors and care of school-rooms . . . . .	1,133 55
Superintendent . . . . .	1,200 00
Music teacher, including horse . . . . .	750 00
Horse hire . . . . .	153 25
Truant officers . . . . .	75 00
Furniture . . . . .	279 52
Repairs, including enlargement of houses . . . . .	1,864 41
Express . . . . .	47 35
Transportation, etc., of scholars . . . . .	168 37
Cash paid the Town of Bourne for school- ing . . . . .	151 52
Gas and water . . . . .	23 50
Printing . . . . .	126 36
Care of out-houses . . . . .	63 00
Binding books . . . . .	73 85
Expenses of High School exhibition . . . . .	38 62
Tuning piano . . . . .	4 00
Evening school . . . . .	261 23
Travelling expenses . . . . .	15 33
Sundries . . . . .	39 81
	<hr/>
	\$25,943 65



The Committee recommend for the support and superintendence of schools and the purchase of books and supplies, the same appropriation as that of last year, \$23,800. As unusual repairs will be required during the present year they recommend, in addition, an appropriation of \$1,000 for repairs, and for the improvement of school-house grounds. They do not recommend any appropriation to meet the deficiency of last year as, in their opinion, the above appropriations will be sufficient to meet the deficiency as well as the expenses of the year.

The Evening School, for which no appropriation was made last year, the Committee recommend be resumed during the present school-year and that the sum of \$400 be appropriated for its support. At the annual meeting in 1887, an appropriation of \$300 was made for this school and it was maintained during the Winter of 1887 and 1888, to such advantage that its re-establishment seems desirable. It not only forms in itself a useful adjunct to the school system, but it meets requirements in the laws relating to the employment of illiterates in our factories, which can be met in no other way.

The Committee have no new statement of importance to make to the Town concerning the condition of the schools. During the year the increasing number of pupils at Ellisville, not only warranted, but rendered necessary, the establishment of a school in the school-house in that neighborhood which had been for some time out of use.

During the Spring term the sub-Primary school at Seaside became so crowded that temporary arrangements

with an additional teacher became necessary, but were abandoned on the redistribution of scholars at the beginning of the Fall term. There are now thirty-three schools in the town, each with one teacher, except the High School which is conducted by a Principal and four assistants. These schools with their location, and the names of their teachers, together with their salaries, will be found in the report of the Superintendent. In justice to teachers of schools of the lower grades, the salaries of most of them have been raised, during the year, to a point more closely approximating to that which their expenses of living and their fidelity as servitors of the Town demanded. During the year, Mr. Seth S. Crocker, who has for a number of years been the efficient and successful teacher of the Mt. Pleasant Grammar School, resigned his position and has been succeeded by Mr. John W. Herrick, who has proved himself to be a competent and faithful instructor.

The Committee have no suggestions to offer with regard to the introduction of new studies in the schools. Indeed, it is becoming a serious question whether the increasing number of studies, which modern educational ideas have favored, has really promoted the usefulness of our school system. The allowance of time assigned to each study has been so limited in the division of school hours rendered necessary by a too extended curriculum as to be insufficient for thorough and useful school work. A small garden, well tilled, is a proverb as applicable to methods of education as to other fields of labor, and too many irons in the fire are as obstructive to the attainment

ment of knowledge as to solid success in the occupations of life.

The Committee do not propose to enlarge on the reform in our educational system, here hinted at, nor have they as yet any well settled and definite opinions on the subject. They wish merely to disclose to the Town the current of their thought which may lead to the adoption of some plan which shall limit the extent of study but at the same time make it more thorough and practical.

With regard to the necessity of a new High School House which the Committee have repeatedly represented to the Town in their annual reports, they wish to say that they are more than ever impressed with its urgency. The defects of the present building are almost too numerous to mention. The seating capacity of the school-room is insufficient, and as our Town increases in population this insufficiency is becoming yearly more marked. And even if the capacity of the floor were sufficient for all the desks required, the low ceiling of the room brings the cubic measure of air space far below that which the demands of health require. The class-rooms are poorly arranged and their defective ventilation, like that of the school-room, cannot be thoroughly remedied by any methods of which the building is susceptible, or even partially, by any economical expenditure of money. The house is warmed by nine stoves, and even these are insufficient in the coldest weather to raise the temperature of the various rooms to a degree of heat conducive to comfort and a close application to study. Aside from these

defects, the building is an old one nearly ninety years of age, constantly needing repairs and during the coming year if it should be kept in use the high flight of steps along the front must, at considerable expense, be renewed. Those of the Committee who have inspected the High School-houses of other towns, in the performance of their duties as members of the joint Committee instructed by the Town to report a suitable plan and location for a new structure, have been especially impressed with the mortifying conditions under which the High School work of Plymouth is performed, and feel that for the credit of the Town, a new building should be erected which in its architectural beauty shall stand as an emblem of our regard for the cause of education, and in its commodious arrangement shall enable faithful teachers to perform faithful work.

Rev. Frederick N. Knapp, the late Chairman of the Committee, to whose fidelity to educational interests and enthusiasm in the performance of every good work for their promotion the Committee wish to bear witness, held no public measure nearer to his heart than that which the Committee now urge upon the Town. As a memorial of our departed friend whom we all loved and honored, let us secure its early consummation.

WM. T. DAVIS,	}	<i>School</i>
JAMES MILLAR,		
CHARLES I. LITCHFIELD,	}	<i>Committee.</i>
ELIZABETH THURBER,		
CHARLES O. CHURCHILL,		

PLYMOUTH, Feb. 4, 1889.

At a meeting held on the evening of January 29th. the School Committee, desiring to express their appreciation of the valuable life and labor of their late Chairman, Rev. Frederick N. Knapp, passed the following resolutions:--

*Resolved*:—That the service rendered by Mr. Knapp, to the cause of education, by many years of earnest work for the elevation and usefulness of our common schools, has been of inestimable value, and his sudden death leaves a vacancy that cannot easily be filled.

*Resolved*:—That not only in the department to which by general approval, he was repeatedly chosen, but in the many public measures to which his attention was called, his clear perception of duty directed him, and a conscientious support of worthy objects was readily given.

*Resolved*:—That with feelings of deep sorrow at the loss of Mr. Knapp as associate, citizen and friend, we tender our sincere sympathy to his family, conscious that the memory of his many virtues will become a bright spot in this cloud of affliction.

*Resolved*:—That these resolutions be entered in the Records of the School Board, and that the Secretary send a copy to the family of Mr. Knapp.

## SUPERINTENDENT'S REPORT.

---

TO THE SCHOOL COMMITTEE OF THE TOWN OF PLYMOUTH:

In accordance with your rules, I would herewith respectfully submit my annual report on the character and progress of the schools under your charge:

It is impossible to avoid what may appear to be repetition of the report of the year preceding this, in speaking of the growing improvement in the principles and methods of instruction, and of the increasing interest of the teachers in whatever concerns the welfare and progress of the schools under their care; and also, of their cordial co-operation in all suggestions tending to practical benefit and efficiency in the modes of presenting the various branches of school work. All that was true one year ago is true now, while the rate of improvement is not diminished; and is, we hope, appreciated in the public mind.

The reading of professional literature practised by many of our teachers is of much benefit to them. The art of teaching is now so thoroughly discussed in our periodical school publications that professional reading on the subject is easy of access and full of interest to



educators. It helps them in many ways. It conveys to them intelligence of the progress made in different parts of our own and in foreign countries, as well as in their own immediate neighborhood, and enlarges their ideas of the importance and nobility of their work. It makes them familiar with the improvements which the demands of the age require, and inspires them to efforts to do all that can be done for their pupils. The knowledge of what is attained by others, which is gained by this course of reading, creates enthusiasm and inspiration in the teacher, and no teacher can be successful without them.

The practice of visiting schools, which, according to our regulations, every teacher is permitted once a month to do, and of which many of them avail themselves, is a very beneficial arrangement. It gives opportunity to each teacher for observing whatever of excellence may be adopted, and whatever of doubtful utility may be avoided in his or her own practice, thus securing a general improvement in the schools.

### **High School.**

The course of study in our High School is attracting at the present time unusual attention. Many persons, who are of the opinion that there are too many branches of study imposed upon the scholars, are desirous to have the programme simplified, so that more time may be given to what they consider the more practical department of the school, and thereby to obtain a better scholarship in the English branches. This suggested change would, undoubtedly, bring about the desired result ; but the wants

of the community in regard to the education of children are so various that a greater simplification of the programme of studies is very difficult. Some prefer a strictly literary culture, including a knowledge of foreign languages, especially for girls, even expressing the desire that their daughters may pursue mathematical studies, only so far as to enable them "to make change in shopping." Others, who may have boys looking forward to mechanical and scientific employments, give the preference to studies of that nature, judging, very wisely, that excellence in these departments will conduce, most immediately, to their sons' future welfare. It is very pleasant to notice in this connection the high standing which several boys, who had their mathematical and scientific training in our High School, attained in the institution for which they were so well fitted, and their subsequent appointment to situations of profit and responsibility.

With all these conflicting demands upon the instruction given in the High School, each of which should be equally respected, any plan for training the youth of the Town in one institution, managed in an economical way, must have some deficiencies; must be wanting in unity. Economy demands that the number of teachers should be small; the variety of studies to be taught calls for a larger supply of teaching power in order to carry on the work successfully. The interest of scholars is often distracted by a variety of pursuits in attempting too much; so that persistency in work, so necessary to the accom-

plishment of satisfactory results, becomes almost impracticable.

Six years ago the task of working out a plan of studies for the High School, with the hope of obviating the then existing difficulties, was imposed upon a sub-committee of three, by the School Board of this Town. One of these three was the Rev. Mr. Knapp, who has lately passed away, whose interest in this school especially, was so earnest and persevering, that he never ceased, while life remained, to plan and work for its welfare. This sub-committee addressed itself to the duty it had accepted, and, after much thought, submitted the present programme of studies, which was adopted by the Board, and voted to be the future basis of the work of the High School.

Since its adoption, some improvement in important particulars is accomplished, and the school is at present under the control of a body of teachers, able, industrious and painstaking; and under the favoring influence of the finest discipline, everything is done that can be done under the present conditions, to forward the physical, intellectual and moral welfare of those young people who are under the fostering care of this institution. So far as good health is concerned, the physical conditions are very unfavorable, as is well known to all, and it is not surprising that we hear so much of colds, contracted in a building, such as we are now compelled to use.

As some complaints of over-work were brought to the notice of the teachers of this school, it was very natur-

ally feared that some scholars, impelled by an enthusiastic desire to excel, might occasionally over-step the bounds of moderation, which is a possibility, doubtless in all schools, and thus injure their health; but it ought to be remembered, that in all such cases the responsibility belongs to the scholar and the parent, rather than the teacher. It is true, the teacher must always know when a scholar is doing more work than is consistent with good health, yet as this excess is caused by the taking up by the pupil of too much of the strictly elective work of the school, and is sanctioned by the approval of parents, it is not easy for teachers to successfully interpose their authority. As these complaints have always seemed to proceed from sources that might give them a considerable weight, the Principal of the School was induced to make an appeal to the judgment of the parents.

In order to accomplish this, the following circular was addressed to the parents of the scholars, and one hundred and thirteen replies were received. The teachers were thus satisfied by the highest authority within their reach that the complaints were not well founded.

### Circular.

PLYMOUTH HIGH SCHOOL. }  
May 25, 1888. }

Wishing to work intelligently with the pupils of the High School, and feeling that health is of primary importance, we respectfully ask parents and guardians to consider carefully the following questions, and to be so kind as to return candid answers to them on or before June 4.

In replying to Question IV, it should be remembered that late or irregular hours for retiring, improper food, the lack of daily out-door exercise, and the numerous demands of social life, contribute largely to the ill-health of our young people.

CARRIE E. SMALL, *Principal.*

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I. How much time daily, on an average, does your child devote to study, out of school? *Answer:* From one to two hours.

II. Is less work desirable? *Answer:* No, 100; yes, 8; don't know, 2; no answer, 3.

III. Is more work desirable? *Answer:* No, 99; yes, 6; don't know, 2; no answer, 3; left to teacher to decide, 3.

IV. Is there any evidence of over-work from study alone? *Answer:* No, 107; yes, 3; cannot tell, 3.

### Geography.

Considerable effort has been made during the last year to improve our methods of teaching this all-important branch which has reference to a knowledge of the earth's surface and what it produces. The results hitherto obtained have been far from satisfactory, although a reasonable proportion of the hours allotted to school work has been devoted to this study, and teachers have not been wanting in industry and zeal; but after all their exertions, they feel that their time has not been well spent, and that they will hardly satisfy the expectations of those interested in their work. The extent and



variety of the knowledge required of scholars between the ages of eight and fourteen years is very often discouraging to those who have to instruct them. The routine methods of handling the subjects of this department of education very generally practised in schools is the principal cause of the want of success. Under this treatment, the mental activity of the scholar is not aroused, few of his faculties are exercised, but, in the course of time, by the stupefying process of repetition, he becomes qualified to make quite a respectable figure in a formal examination in which the questions are strictly confined to the matter contained in the text-book. The amount of geographical knowledge obtained in this way is very small, and the quality must be poor, if we can rely on the confessions of those who have laid aside their text books for a year or two. It is not intended by these strictures to imply that our teachers are not intelligent and industrious in the performance of their duties ; on the contrary, this part of the work of education is, doubtless, as well done in our schools as elsewhere ; the method here described is chronic and almost universal. The mode of written examination generally practiced is partly to be blamed in this matter. When teachers are urged to a more liberal treatment of the subject, they reply that they are hedged in by limitations which do not encourage, to say the least, such liberal treatment, but rather invite the old routine ; that is, a rigid adherence to the text-book, and a repetition of tasks until the scholars are so familiar with that portion of the text-



book under review, that they can pass their examination with certainty, and secure the desired promotion.

The experiment now being made will, it is hoped, bring about a change in teaching geography in our schools which will prove highly favorable to the intellectual development of the scholar. A series of topics has been arranged in the order of their relation to each other, forming an outline of the science to suit the amount of time which can be appropriated to this study in our schools. At the beginning of a term, the teachers of a grade are called together, and after the usual discussion of the work of the coming term, the topics are agreed upon, and the teachers requested to give out the subject of their lessons to the scholars a day or two before the time for recitation, so that the children can have ample opportunity to consult the reference books of all kinds, in addition to their text-books, which, indeed, will be used, hereafter, only as reference books always at hand.

This method of treating this very important branch of school-work will, at the outset, call on the scholar for some original attempts, and by degrees, must train him in the use of books for the investigation of any subject which may engage his attention. Of course, these efforts will be very crude at first, but with judicious help and encouragement from the teacher, he will soon acquire confidence and skill, and will, finally, receive a benefit from this kind of work which will aid him in all the studies of the school-room. It is confidently believed

that the teachers, also, will be benefited by the change in the method of geographical instruction, for they will not have their work prescribed for them in the text-book; only a few general topics will be supplied, and all the details will have to be worked out according to their own judgment. To do this well, much thought must be put into the work; books must be consulted on all the subjects handled; questions from inquisitive scholars must be answered, and everything done that belongs to an original treatment of the topics which form the basis of the lesson.

### **Drawing.**

An attempt has been made during the last year to introduce into the schools more uniformity of system in the practice of drawing among the various teachers, and with considerable success. The attainments have been very fair, and both teachers and scholars deserve great credit for the care and the skill displayed in the specimens of their work in drawing, as well as for the neatness of their penmanship in the well prepared compositions that have come monthly for examination to the Superintendent. But it is highly desirable that a professional teacher of drawing should be employed to give instruction at stated intervals to the teachers, so that they may skilfully and confidently lead their pupils onward in this eminently useful art. Its practical bearing is so self-evident that it is thought nothing further need be said to secure attention to this important object.

### **Music.**

The interest in music still prevails in the schools generally, and in some the success is quite remarkable. This success, in special instances, demonstrates the fact that it is not at all necessary that the permanent teacher of the school need be an adept in music, but may be deficient in the ordinary appreciation of sounds, and still, by industry and enthusiasm in urging the school in the daily practice of the lesson assigned by the special teacher of music, results may be attained which are really surprising. Experience thus shows that the want of musical training on the part of the permanent teachers is no bar to the most gratifying success, if only those teachers have the mastery of their scholars and keep them alive to their work.

After a recent special review of all the music work in the schools, there seems to be ample reason to expect a wide-spread diffusion of practice and skill in this most useful and attractive art.

### **Evening School.**

During the last year no public Evening School has been maintained in our Town, which has caused considerable inconvenience. There are many young people among us, whose educational advantages have been limited, on account of their having been obliged to leave school earlier than they otherwise would, in order to earn a livelihood, and whose daily employments forbid them to use any other time than the evening to pursue

further the study of the common branches of school education. These would gladly avail themselves of the opportunity afforded by an Evening School for practice and improvement in these studies.

The law of our State that prohibits admission to our manufactories of workers under twenty-one years of age, who cannot read and write the English language, excludes quite a large number of foreigners, who are now admitted only under pledge to obtain private instruction. This, in most cases, is a very difficult condition, liable to misuse, and often causes serious inconvenience to all concerned. These various considerations would seem to render it morally obligatory upon the Town to maintain an Evening School, where not only our own youth who need it, but the foreigners among us, may receive such instruction as will be not simply a benefit to them, but will advance the business interests of the Town and the prosperity of the community.

The sum of money appropriated last year for this purpose, was inadequate to the measure proposed, and it is to be hoped that the Town will this year take this matter into serious consideration in making the appropriations for educational needs.

### **Changes of Teachers.**

The vacancy in the Long Pond School, caused by the death of Miss Nellie F. Pierce, is filled by Miss Nellie B. Holmes, of Manomet Ponds.

The school, at Ellisville, is this year taught by Miss

Emma Leadbetter, of Weston, in place of Miss Addie H. Blackmer, resigned.

Some changes of place were caused by the resignation of Miss Lucy May Harlow, and the appointment, consequently, of a new teacher. Miss Mary F. Klingenhagen was elected, and assigned to the North Sub-Primary School, formerly taught by Miss Myra C. Holmes.

The vacancy in the Mt. Pleasant School, caused by the resignation of Mr. S. S. Crocker, is filled by Mr. John W. Herrick, of Bridgewater.

Miss Harriet L. Merrow, teacher of Physics and Chemistry in the High School resigned her situation at the close of the Spring term, and her place was supplied by Miss Emma F. Eames, of Reading.

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### In Memoriam.

We regret to have to record, this year, the death of one of our most earnest and faithful teachers, Miss Nellie Florence Pierce. She graduated from our High School, February 5, 1878. While there she was noted for sound scholarship, and by her unvarying amiability and devotion to her school duties she gained the esteem and respect of her class-mates and teachers. After her graduation from the High School, she took the school at Long Pond, which she taught for three years with much success, and highly to the satisfaction of the community. Her cherished desire was to make teaching a profession, and with this end in view, in order to advance herself in the knowledge of the principles of the art, she took a two-



years' course at Bridgewater Normal School, entering February, 1885, and graduating January, 1887. She then returned to Plymouth; and as soon as a vacancy occurred in her old school at Long Pond, she was asked to fill it, which she did much to the gratification of the people there, who, as well as the children, were warmly attached to her. She returned to her school there in October, 1887, and left it, June, 1888, when failing health compelled her to resign. She died January 5, 1889.

We can only touch here upon the most prominent characteristics of her whose life, so full of promise of usefulness, has so early closed. She was mild and affectionate in disposition, gentle and unassuming in manner, but those who knew her well, both as a scholar and teacher, recognized in her character, the sterling qualities of solidity, clearness, precision and perseverance, which combined to render her so efficient and successful in her chosen vocation. Her death brings a great loss to the community in which she moved, for the influence of a truly conscientious teacher is inestimable; and the memory of her virtues will long remain with those who knew and loved her.

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With renewed thanks to the Committee for the kindness and co-operation received, this report is respectfully submitted.

CHARLES BURTON,

*Superintendent of Schools.*

PLYMOUTH, March 1, 1889.



## ROLL OF HONOR.

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HIGH SCHOOL.

The following pupils were not absent during the school year 1887-8 :

Cora F. Byrnes,  
George V. Bennett.

Mildred F. Parker,  
Edward L. Chandler.

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Enrolment in September, 1888, 170 pupils.

## APPENDIX.

## Statistics.

LOCATION OF SCHOOLS.	GRADES.	TEACHERS.	Salaries.	Enrolment.	Average Membership.	Average Attendance.	No. over 15 years.	No. between 8 and 14 years.
Green,	High School,	Carrie E. Small, Ellen W. Beane, Emma F. Eames, Jennie C. Whitten, Anna M. Klingenhagen,	\$1,400 1,700 700 450 450	144	132	126	80	64
Russell Street,	Grammar,	Aaron H. Cornish,	1,000	50	44	40	3	43
Mt. Pleasant,	Grammar,	John W. Herrick,	900	59	52	47	4	55
North,	Grammar,	Charles F. Cole,	1,000	45	42	38	6	38
Chiltonville,	Grammar,	Elmer E. Sherman,	1,000	49	43	40	5	36
So. Plymouth,	Grammar,	Frances A. Hadaway,	500	32	26	23	3	28
Wellingsley,	Intermediate,	Addie F. Bartlett,	400	34	28	25		18
North,	Intermediate,	Anna A. Jones,	500	47	40	36	1	46
Russell Street,	Third Grade,	Carrie I. Mace,	400	58	53	48		58
Mt. Pleasant,	Third Grade,	Augusta M. Morton,	400	55	51	46		54
Russell Street,	Second Grade,	Mary A. Aldrich,	360	45	42	37		45
Russell Street,	Second Grade,	May H. Chandler,	360	41	38	34		41
Mt. Pleasant,	Second Grade,	Nelia D. Burbank,	360	53	52	47		53
Cold Spring,	Primary,	Frances E. Hovey,	320	42	37	31		19
School Street,	Primary,	Priscilla Perkins,	320	50	47	44		38
South Street,	Primary,	Charlotte A. Bearse,	320	26	21	17		2
Mt. Pleasant,	Primary,	Grace D. Chandler,	320	41	36	32		33
North,	Primary,	Mary Moning,	320	37	34	29		37
Oak Street,	Primary,	Lina F. Bates,	320	37	35	32		28
Spring Street,	Sub-Primary,	Mary J. Ellis,	320	52	45	37		
Oak Street,	Sub-Primary,	Nellie M. Smith,	320	48	37	30		3
South Street,	Sub-Primary,	Mary E. Morton,	320	43	37	32		
South Street,	Sub-Primary,	Katie O'Brien,	320	36	34	28		3
Cold Spring,	Sub-Primary,	Myra C. Holmes,	320	56	44	37		2
North,	Sub-Primary,	Mary F. Klingenhagen,	320	69	62	58		7
Cliff,	Primary,	Martha W. Whitmore,	300	35	26	22		16
Chiltonville,	Primary,	Katie W. Sampson,	300	35	31	26		15
Russell Mills,	Primary,	Mary A. Morton,	300	36	23	21		17
So. Plymouth,	Primary,	Lydia A. Sampson,	300	29	27	23		16
South Pond,	Ungraded,	Addie E. Thrasher,	320	14	13	12		10
Long Pond,	Ungraded,	Nellie B. Holmes,	300	19	14	13	4	10
Cedarville,	Ungraded,	Hepsie E. Pierce,	360	21	20	19	3	13
Ellisville,	Ungraded,	Emma Leadbetter,	320	14	12	10	2	7

# High School: Order of Exercises.—Monday, Wednesday and Friday:

TIME.	MISS SMALL.	MISS BEANE.	MISS EAMES.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.00,	Opening Exercises,				
8.15-9.00,	2 Geometry, M. & W. 1 Geometry, F.,	1 Literature, M. & W., 2 Literature, F.,	B., 4 Chemistry, M. & W., A., 4 Chemistry, F.	A., 4 German, M. & W., 3 Literature, F.,	3 History, M. & W., B., 4 History, F.,
9.00-9.45,	1 Geometry, M. & W., 2 Algebra, F.,	2 Literature, M. & W., 1 German, F.,	A., 4 Chemistry, M. & W., 3 Book-keeping, F.,	3 Literature, M. & W., 4 Latin F.,	B., 4 History, M. & W.,
9.45-10.30,	1 Composition, M., 2 Algebra, W.	1 German, M. & W., 1 French, F.,	2 Chemistry, M., 3 Comp., or News of the Day } W. A., 4 Physics, F.,	4 Latin, M., B., 4 Comp., or News of the Day, } W. 2 Latin, F.,	A., 4 Comp., or News of the Day, } W. 3 Physical Geog., F.,
10.30-10.45,	Recess.				
10.50-11.30,	2 Algebra, M. 1 Composition, W., 1 Algebra, F.,	1 French, M & W., 2 German, F.,	A., 4 Physics, M. & W., B., 4 Physics, F.,	2 Latin, W., 3 Latin, F.,	3 Physical Geography, M. & W., A., 4 History, F.,
11.30-12.15, 12.15-1.00,	1 Algebra, M. & W.,  Rhetorical Exercises, } F. 1st Class,	2 German, M. & W., 2 French, F., 3 French, M., 2 Composition, W., Rhetorical Exercises, } F. 2d Class,	B., 4 Physics, M. & W., 1 Physics, F., 1 Physics, M. & W., Rhetorical Exercises, } F. 3d Class,	3 Latin, M. & W., B., 4 German, F., B., 4 German, M. & W.	A., 4 History, M. & W.,  Rhetorical Exercises, } F. A., 4th Class.

# High School: Order of Exercises.—Tuesday and Thursday.

TIME.	MISS SMALL.	MISS BEANE.	MISS EAMES.	MISS KLINGENHAGEN.	MISS WHITTEN.
8.00,	Opening Exercises,				
8.15-9.00,	B., 4 Geometry,	3 German,	2 Chemistry,	A., 4 Literature,	1 History,
9.00-9.45,	A., 4 Geometry,	2 French,	3 Book-keeping,	1 Latin,	B., 4 Literature,
9.45-10.30,	1 Geometry, Tues., 1 News of the Day, Thurs.	2 Compo., or N. D., Tues. 2 Literature, Thurs.,	3 Compo., or N. D., Thurs. A., 4 Physics, Thurs.,	B., 4 Comp., or N. D., Thurs. 3 Literature, Thurs.,	A., 4 Compo., or N. D., Thurs.,
10.30-10.45.	Recess.				
10.50-11.30.	1 Composition, Tues., 1 Algebra, Thurs.,	3 German, Tues., 3 French, Thurs.,	A., 4 Chem., Tues., B., 4 Physics, Thurs.,	1 Latin, Tues., 2 Latin, Thurs.,	B., 4 History, Tues., A., 4 History, Thurs.,
11.30-12.15,	2 Geometry,	1 Literature,	B., 4 Chemistry,	A., 4 German, Thurs.,	3 History,
12.15-1.00,	2 Algebra, Tues., Singing, Thurs.,	3 French, Tues.,	1 Physics, Tues.,	4 Latin, Tues.,	

From March to July, Botany and Physiology are substituted for Chemistry and Physics in the Fourth Class.

A Composition is required from each pupil once in three weeks.

## Grammar Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
8.30-9.00,	Music,	Music,	Music,	Music,	Music,
9.00-10.00,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Writ. Arith.,	Book-keeping
10.00-11.00,	Grammar,	Grammar,	Grammar,	Grammar,	Drawing,
11.00-12.00,	History,	History,	History,	History,	Drawing,
P. M.					
2.00-2.30,	Spelling,	Spelling,	Spelling,	Spelling,	Composition,
2.30-3.00,	Mental Arith.	Mental Arith.	Mental Arith.	Mental Arith.	Composition,
3.00-4.00,	El. Science,	Geo., Reading	El. Science,	Geo., Reading	Reading and Declamations

Recess—10.30-10.45 A. M.

Elementary Science includes lessons in Physiology, Botany, Zoology, Mineralogy, Physics and Chemistry.

## Intermediate Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00-9.10,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,	General Exercises.
9.10-9.30,	Music,	Music,	Spelling,	Music,	Music,
9.30-10.00,	Arithmetic,	Arithmetic.	Arithmetic,	Arithmetic,	Arithmetic.
10.00-10.30,	Spelling,	Spelling,	Spelling,	Spelling,	Spelling,
10.30-10.50,	Recess,	Recess,	Recess,	Recess,	Recess,
10.50-11.30,	Geography,	Geography,	Geography,	Geography,	Geography,
11.30-12.00,	Reading,	Reading,	Reading,	Reading,	Reading,
P. M.					
2.00-2.30,	Writing,	Drawing,	Writing,	Drawing,	Writing,
2.30-3.00,	Mental Arith.	Mental Arith.	Mental Arith.	Mental Arith.	Mental Arith.
3.00-3.15,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,
3.15-4.00,	Language Lessons, or Hygiene,	Language Lessons, or Hygiene,	Language Lessons, or Hygiene,	Language Lessons, or Hygiene,	General Exercises,

### Primary Schools.—Order of Exercises.

TIME.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
A. M.					
9.00- 9.15,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,	Opening Exercises,
9.15- 9.30,	Hygiene,	Hygiene,	Hygiene,	Hygiene,	Hygiene,
9.30-10.00,	Arithmetic.	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
10.00-10.15,	Reading,	Reading,	Reading,	Reading,	Reading,
10.15-10.30,	Singing,	Singing,	Singing,	Singing,	Singing,
10.30-10.50,	Recess.	Recess,	Recess,	Recess,	Recess,
10.50-11.10,	Language,	Language,	Language,	Language,	Language,
11.10-11.30,	Spelling,	Spelling,	Spelling,	Spelling,	Spelling,
11.30-11.50,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,	Ment. Arith.,
12.00,	Dismission,	Dismission,	Dismission,	Dismission,	Dismission,
P. M.					
2.00- 2.15,	Drawing,	Drawing,	Drawing,	Drawing,	Drawing,
2.15- 2.30,	Geography,	Geography,	Geography,	Geography,	Geography,
2.30- 3.00,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,	Arithmetic,
3.00- 3.10,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,	Gymnastics,
3.10- 3.30,	Reading,	Reading,	Reading,	Reading,	Reading,
2.30- 4.00,	Spelling.	Spelling.	Spelling.	Spelling.	Spelling.



PLYMOUTH HIGH SCHOOL.

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GRADUATING EXERCISES

—OF THE—

**CLASS OF '88,**

—AT—

Davis Opera House, Thursday Evening, June 28th,

**At 7.30 o'clock.**

## PROGRAMME.

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### PART. I.

SALUTATORY,       -       -       -       -       -       FRANK H. CARVER.

ESSAY : Light,       -       -       -       -       -       MARY E. BRADFORD.

ESSAY : Good Manners,       -       -       -       -       -       BERTHA F. HOWLAND.

PIANO SOLO : Le Printemps, *Teresa Carreno*,       JENNIE M. DREW.

ESSAY : The Influence of Solitude,       -       -       -       -       -       NELLIE C. PIERCE.

SWEDISH SONG, with humming accompaniment,

Solo by BERTHA F. HOWLAND.

ESSAY : Masters and Servants,       -       -       -       -       -       FRANK J. HOLMES.

ESSAY : Back-bone,       -       -       -       -       -       FANNIE C. BYRNES.

CHORUS : Morning is Nigh, (*Strauss*),       -       -       -       -       -       SCHOOL,

## PROGRAMME.

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### PART II.

ESSAY: Music, - - - - - JENNIE M. DREW.

ESSAY: The Indian Question, - - - - - FRANK H. CARVER.

ESSAY: How It Happened, - - - - - CLARA M. DIMAN.

CHORUS: From "Farmer's Mass," - - - - - SCHOOL.

ESSAY: The U. S. Revenue Marine Service, G. E. TUCKER BARNES.

SIBYLLINE LEAVES, - - - Read by MARY E. BRADFORD.

VIOLIN SOLO: Fantasie Ballet, Op. 100, *De Beriot*,

BERTHA F. HOWLAND.

VALEDICTORY, - - - - - MARY H. HOLMES.

SINGING OF CLASS SONG,

Words by BERTHA F. HOWLAND, Music by JENNIE M. DREW.

### PRESENTATION OF DIPLOMAS.

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MULTUM, NON MULTA.

# CLASS OF '88.

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## REGULAR COURSE.

(Four Years, Two Terms.)

Mary Edith Bradford,  
     Fannie Clarke Byrnes,  
         Clara May Diman,  
             Jennie Marshal Drew,  
                 Mary Herbert Holmes,  
                     Bertha Forrest Howland.  
 Nellie Coleman Pierce,  
     George Edward Tucker Barnes,  
         Frank Hahnemann Carver,  
             Herbert Warren Clarke,  
                 Frank Jackson Holmes.

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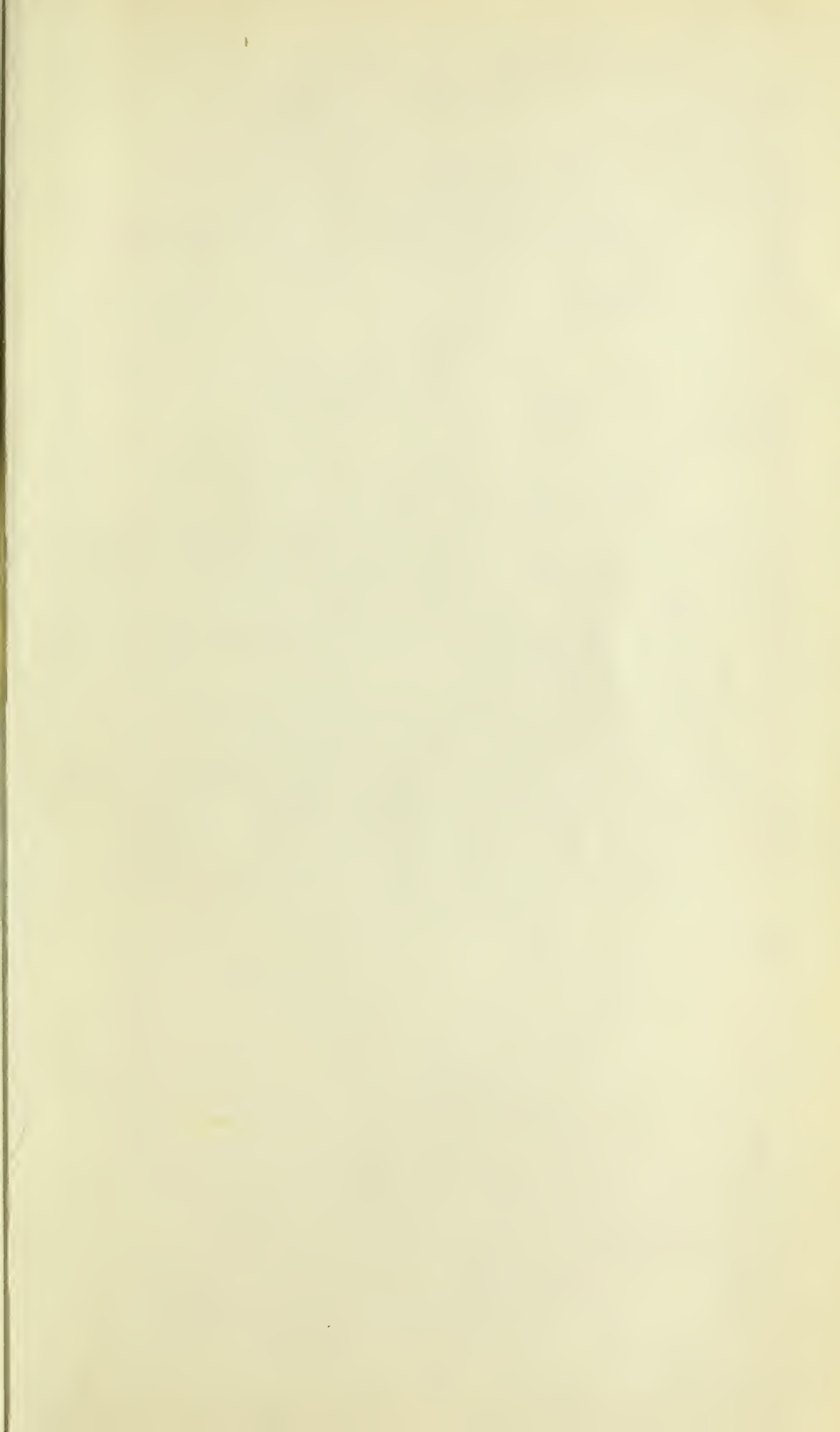
## FOUR YEARS' COURSE.

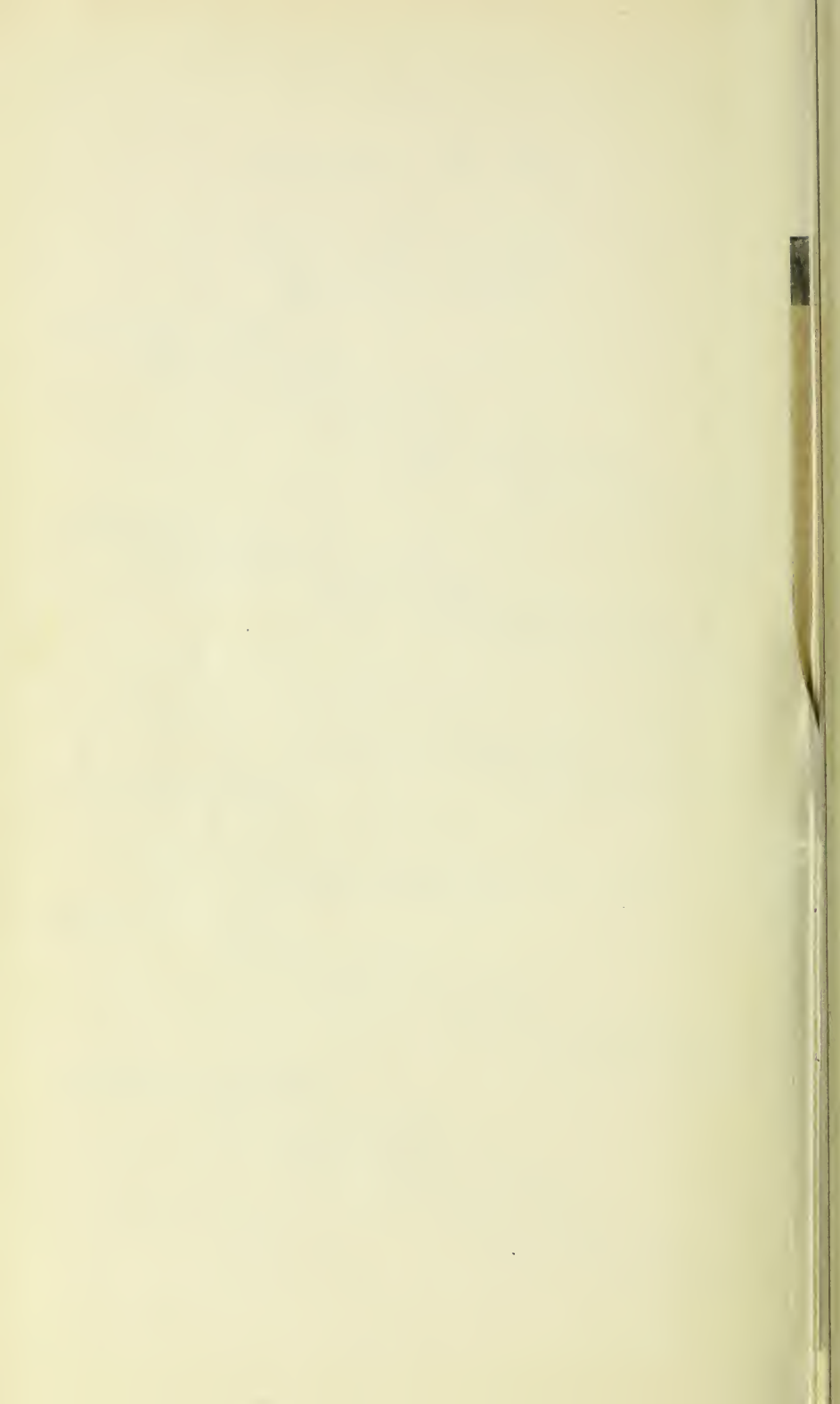
Carrie Augusta Holmes.                      Isaac Thomas Holmes.

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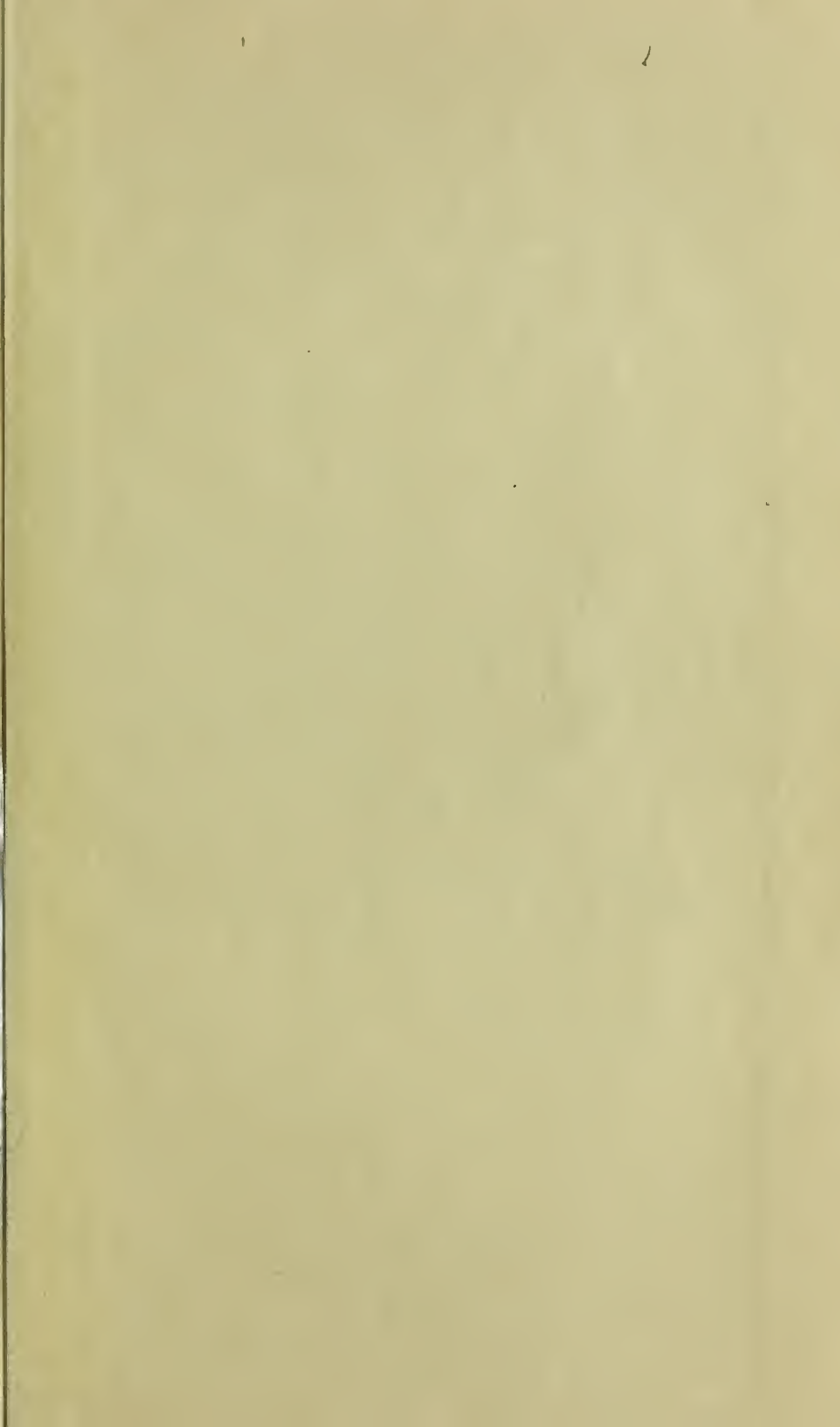
## TWO YEARS' BUSINESS COURSE.

Lydia White Bartlett,  
     Angeline Howland.  
         Estella Ingraham Nash,  
             Ruth Etta Raymond,  
                 George Oliver Brown,  
 Michael Edward Comiskey,  
     William Francis Hamblin,  
         Herbert Francis Holmes,  
             George Henry Nichol,  
                 Walter George Smith,  
                     Frank Irving Whitmore.









H. B.

WELLS BINDERY INC.  
WALTHAM, MASS.  
NOV. 1960

